

TECHNICAL CATALOG





ABOUT US

ALLIANCE TIRE GROUP

A fully owned subsidiary of The Yokohama Rubber Company, Japan - Alliance Tire Group (ATG) specializes in development, manufacturing and sale of Off-Highway Tires. With a presence in 120 countries across 6 continents, ATG is one of the fastest growing companies in the sector and has a wide range of offerings for Agricultural, Forestry, Industrial and Material Handling under the brand names – Alliance, Galaxy and Primex. Through focus on innovation, technology and cost efficient manufacturing and distribution practices, ATG's purpose is to deliver superior value through lowest cost of ownership to its customers.

ALLIANCE

Alliance has a range of over 1000 specialized tires, with each product being carefully engineered keeping the latest technology in mind. Alliance helps to maximize profits with its focus on pioneering innovation and technology. It offers the widest range in sizes and patterns so that you have the perfect, most efficient tire for your needs. Alliance is the market leader in Row Crop and a pioneer in Flotation tires. Alliance also boasts of a very comprehensive line-up of tires for tractors, sprayers and spreaders. It offers the widest range in terms of prices, sizes and patterns, which are available for various agricultural and industrial applications.

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HOW TO READ THIS BOOK

TRA Code

Construction parameters

Application icons

2 types of indexes for better tire selection process

Performance Parameters

AGRIFLEX+ 372 

The advanced AGRIFLEX+ 372 very improved Flexion (F) designed with increased internal stability enables the tire to carry up to 40% more at the same pressure as compared to a standard tractor tire. It offers a significantly larger footprint leading to less soil compaction and a considerable rise for the driver. The larger footprint enables high tractive, reduces fuel costs and increases overall operational productivity. The F-100 pattern enables an excellent grip as well as a long life on hard surfaces.

Size	Max. Load	Max. Speed	Max. Pressure	Max. Temp.	Max. Load	Max. Speed	Max. Pressure	Max. Temp.
10.00-20	1000	40	1.2	120	1000	40	1.2	120
11.00-20	1200	45	1.4	130	1200	45	1.4	130
12.00-20	1400	50	1.6	140	1400	50	1.6	140
13.00-20	1600	55	1.8	150	1600	55	1.8	150
14.00-20	1800	60	2.0	160	1800	60	2.0	160
15.00-20	2000	65	2.2	170	2000	65	2.2	170
16.00-20	2200	70	2.4	180	2200	70	2.4	180
17.00-20	2400	75	2.6	190	2400	75	2.6	190
18.00-20	2600	80	2.8	200	2600	80	2.8	200
19.00-20	2800	85	3.0	210	2800	85	3.0	210
20.00-20	3000	90	3.2	220	3000	90	3.2	220

AGRIFLEX 372 

The advanced AGRIFLEX 372 improved Flexion (F) designed with increased internal stability enables the tire to carry up to 30% more load at the same pressure as compared to a standard tractor tire. It offers a significantly larger footprint leading to less soil compaction and a considerable rise for the driver. The larger footprint enables high tractive, reduces fuel costs and increases overall operational productivity. The F-100 pattern enables an excellent grip as well as a long life on hard surfaces.

Size	Max. Load	Max. Speed	Max. Pressure	Max. Temp.	Max. Load	Max. Speed	Max. Pressure	Max. Temp.
10.00-20	800	40	1.2	120	800	40	1.2	120
11.00-20	1000	45	1.4	130	1000	45	1.4	130
12.00-20	1200	50	1.6	140	1200	50	1.6	140
13.00-20	1400	55	1.8	150	1400	55	1.8	150
14.00-20	1600	60	2.0	160	1600	60	2.0	160
15.00-20	1800	65	2.2	170	1800	65	2.2	170
16.00-20	2000	70	2.4	180	2000	70	2.4	180
17.00-20	2200	75	2.6	190	2200	75	2.6	190
18.00-20	2400	80	2.8	200	2400	80	2.8	200
19.00-20	2600	85	3.0	210	2600	85	3.0	210
20.00-20	2800	90	3.2	220	2800	90	3.2	220

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Max. Load	Max. Speed	Max. Pressure	Max. Temp.	Max. Load	Max. Speed	Max. Pressure	Max. Temp.
10	10.00-20	1000	40	1.2	120	1000	40	1.2	120
11	11.00-20	1200	45	1.4	130	1200	45	1.4	130
12	12.00-20	1400	50	1.6	140	1400	50	1.6	140
13	13.00-20	1600	55	1.8	150	1600	55	1.8	150
14	14.00-20	1800	60	2.0	160	1800	60	2.0	160
15	15.00-20	2000	65	2.2	170	2000	65	2.2	170
16	16.00-20	2200	70	2.4	180	2200	70	2.4	180
17	17.00-20	2400	75	2.6	190	2400	75	2.6	190
18	18.00-20	2600	80	2.8	200	2600	80	2.8	200
19	19.00-20	2800	85	3.0	210	2800	85	3.0	210
20	20.00-20	3000	90	3.2	220	3000	90	3.2	220

According to Rim sizes

Tire Patterns by Segments

Segment	Tire Pattern	Max. Load	Max. Speed	Max. Pressure	Max. Temp.
Radio Tractor	AGRIFLEX 372	1000	40	1.2	120
Radio Tractor	AGRIFLEX 372	1200	45	1.4	130
Radio Tractor	AGRIFLEX 372	1400	50	1.6	140
Radio Tractor	AGRIFLEX 372	1600	55	1.8	150
Radio Tractor	AGRIFLEX 372	1800	60	2.0	160
Radio Tractor	AGRIFLEX 372	2000	65	2.2	170
Radio Tractor	AGRIFLEX 372	2200	70	2.4	180
Radio Tractor	AGRIFLEX 372	2400	75	2.6	190
Radio Tractor	AGRIFLEX 372	2600	80	2.8	200
Radio Tractor	AGRIFLEX 372	2800	85	3.0	210
Radio Tractor	AGRIFLEX 372	3000	90	3.2	220

According to application segments

Collection of all the icons used in the book

ICONS MASTER

APPLICATIONS

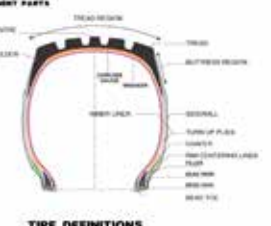
DIFFERENTIATORS

AS ALL STEEL	SC STEEL COMPOUND	SB STEEL BELTED	HRC HEAT RESISTANT COMPOUND	WRC WEAR RESISTANT COMPOUND	C+C OUTCHUP RESISTANT COMPOUND	SG STURDIE GUARD
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Basic tire related technical information

Basic Tire and Rim Terms

CONSTRUCTION AND COMPONENT PARTS



TIRE DEFINITIONS

Ground Diameter (GD)
Is the diameter of the tire under reference pressure.

Section Width (SW)
Is the width of the tire under reference pressure.

Static Loaded Radius
Is the distance between the extreme edges of the tread, as measured on the outside of the tire.

Speed Index
The distance between angles of the rim.

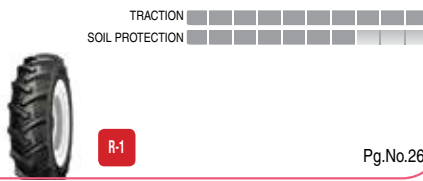
Load Index
The load index is a numeric code that defines the tire's maximum loading capacity in kg. For each tire type, the loading capacity is always related to a specific air pressure as defined by ETRTO standards and manufacturer specifications. A uniform method to report the load-carrying capacity of a tire.

Speed Code
The speed code is a symbol that indicates the maximum speed admitted at the given load index, following any other specific conditions defined by the tire manufacturer.

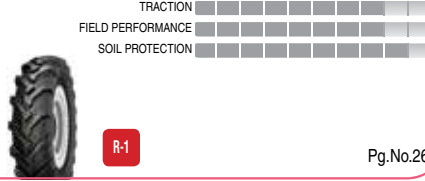
AGRICULTURE

Tire Patterns by Segments

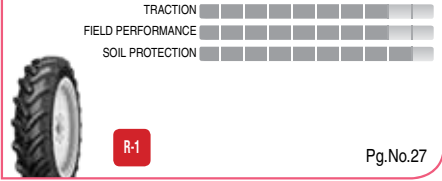
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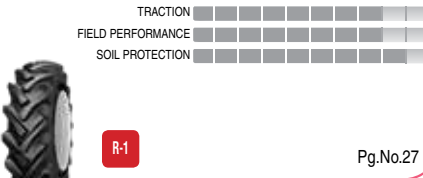
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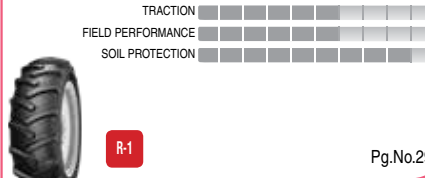
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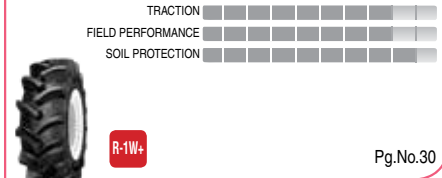
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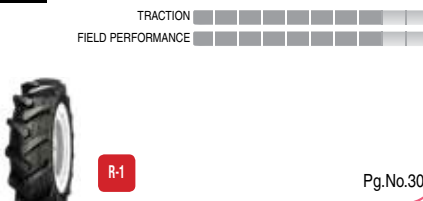
768 IRRIGATION



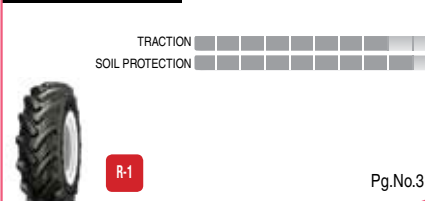
337 DEEP LUG



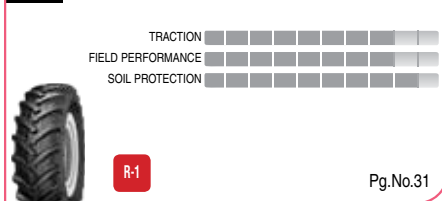
340



FarmPRO TD45

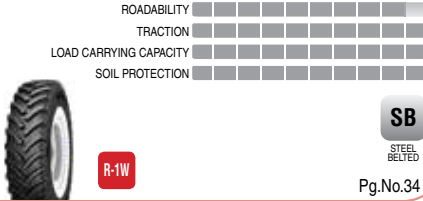


304

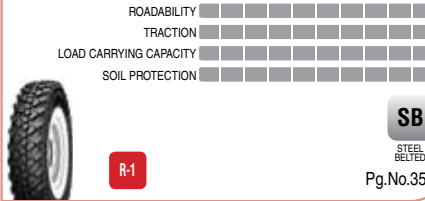


Row Crop

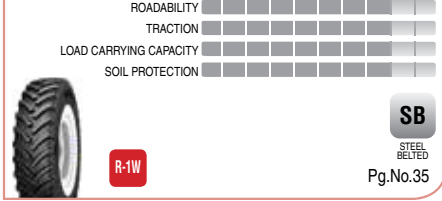
AGRIFLEX+ 354



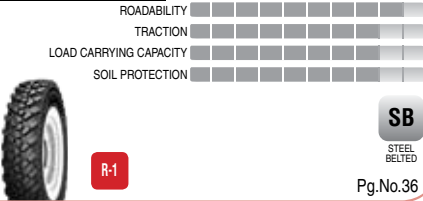
AGRIFLEX+ 363



AGRIFLEX 354



AGRIFLEX 363



350

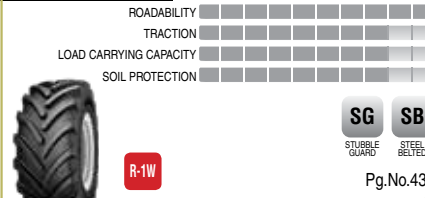


Combine Harvester

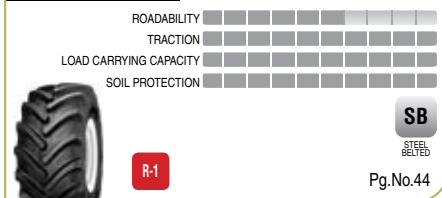
AGRIFLEX+ 372



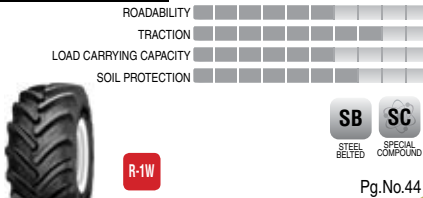
AGRIFLEX 372



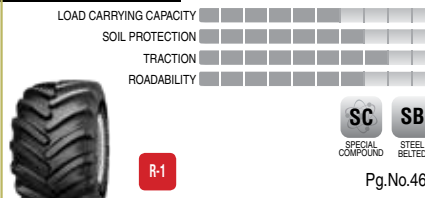
AGRIFLEX+ 377



AGRI-STAR 375



MULTISTAR 376



360



Tire Patterns by Segments

YIELD MASTER 349

LOAD CARRYING CAPACITY
ROADABILITY
TRACTION
SOIL PROTECTION



R-1

Pg.No.49

570

LOAD CARRYING CAPACITY
ROADABILITY
TRACTION
SOIL PROTECTION



R-1

Pg.No.49

336

TRACTION
DRIVING COMFORT
SELF CLEANING



IMP

Pg.No.50

Radial Flotation

380

ROADABILITY
LOAD CARRYING CAPACITY
SOIL PROTECTION
SELF CLEANING



FLOTATION

I-3

SC

SPECIAL COMPOUND

SB

STEEL BELTED

Pg.No.52

380 HS

ROADABILITY
LOAD CARRYING CAPACITY
SOIL PROTECTION
SELF CLEANING



FLOTATION

I-3

AS

ALL STEEL

SC

SPECIAL COMPOUND

SB

STEEL BELTED

Pg.No.52

380 HD

DUTY CYCLE
TRACTION
SOIL PROTECTION



FLOTATION

I-3

SC

SPECIAL COMPOUND

SB

STEEL BELTED

Pg.No.52

390 HD

DUTY CYCLE
TIRE LIFE
LOAD CARRYING CAPACITY
TRACTION
GROUND STABILITY



FLOTATION

I-2

SB

STEEL BELTED

Pg.No.53

390 MPT

ROADABILITY
TRACTION
LOAD CARRYING CAPACITY
SOIL PROTECTION
SELF CLEANING



FLOTATION

I-2

AS

ALL STEEL

SB

STEEL BELTED

Pg.No.55

382 MPT

ROADABILITY
TRACTION
LOAD CARRYING CAPACITY
SOIL PROTECTION
SELF CLEANING



FLOTATION

I-2

SC

SPECIAL COMPOUND

AS

ALL STEEL

Pg.No.55

398 MPT

ROADABILITY
TRACTION
LOAD CARRYING CAPACITY
SOIL PROTECTION
SELF CLEANING



FLOTATION

I-3

AS

ALL STEEL

Pg.No.55

392

ROADABILITY
LOAD CARRYING CAPACITY
SOIL PROTECTION
SELF CLEANING



FLOTATION

I-2

C+C

CUT&CHIP RESISTANT COMPOUND

AS

ALL STEEL

Pg.No.56

391

ROADABILITY
LOAD CARRYING CAPACITY
GROUND STABILITY
PUNCTURE RESISTANCE
WEAR RESISTANCE



FLOTATION

HF-1

AS

ALL STEEL

Pg.No.56

393

ROADABILITY
TRACTION
LOAD CARRYING CAPACITY
SOIL PROTECTION
SELF CLEANING



FLOTATION

I-2

SB

STEEL BELTED

Pg.No.57

388

ROADABILITY
TRACTION
LOAD CARRYING CAPACITY
SOIL PROTECTION
SELF CLEANING



FLOTATION

I-3

SB

STEEL BELTED

Pg.No.57

885

ROADABILITY
SOIL PROTECTION
SELF CLEANING
LOAD CARRYING CAPACITY



FLOTATION

I-3

SB

STEEL BELTED

Pg.No.58

882

ROADABILITY
TRACTION
LOAD CARRYING CAPACITY
SOIL PROTECTION
SELF CLEANING



FLOTATION

I-2

SB

STEEL BELTED

Pg.No.59

FLOTMASTER 381

ROADABILITY
LOAD CARRYING CAPACITY
SOIL PROTECTION
SELF CLEANING



FLOTATION

I-2

SB

STEEL BELTED

Pg.No.59

381 RADIAL IMPLEMENT

ROADABILITY
LOAD CARRYING CAPACITY
SOIL PROTECTION
SELF CLEANING



FLOTATION

I-1

SB

STEEL BELTED

Pg.No.60

AGRIFLEX 381

ROADABILITY
LOAD CARRYING CAPACITY
SOIL PROTECTION
SELF CLEANING



FLOTATION

I-2

SB

STEEL BELTED

Pg.No.60

AGRIFLEX+ 381

ROADABILITY
LOAD CARRYING CAPACITY
SOIL PROTECTION
SELF CLEANING



FLOTATION

I-2

SB

STEEL BELTED

Pg.No.61

389 AGRIFLEX+ IMP

TRACTION
ROADABILITY
LOAD CARRYING CAPACITY
SOIL PROTECTION
SELF CLEANING



FLOTATION

HF-2

SB

STEEL BELTED

Pg.No.61

Tire Patterns by Segments

AGRIFLEX+ 881



I-2

AS

ALL
STEEL

Pg.No.62

331 RADIAL



FLOTATION

I-3

SB

STEEL
BELTED

Pg.No.66

328 RADIAL



FLOTATION

I-3

Pg.No.71

Bias Flotation

331



ROADABILITY
TRACTION
SOIL PROTECTION
LOAD CARRYING CAPACITY

FLOTATION

I-3

Pg.No.63

328



FLOTATION

I-3

Pg.No.67

328 VALUE PLUS



FLOTATION

I-3

Pg.No.71

128



ROADABILITY
LOAD CARRYING CAPACITY
TIRE LIFE

FLOTATION

HF-2

Pg.No.72

Fronts & Implements

TracPRO 303 (3 RIB)



ROADABILITY
FIELD PERFORMANCE
TIRE LIFE

F-2

Pg.No.74

TracPRO 303 MULTI-RIB



ROADABILITY
FIELD PERFORMANCE
TIRE LIFE

F-2

Pg.No.74

303



ROADABILITY
FIELD PERFORMANCE
TIRE LIFE

F-2

Pg.No.74

FarmPRO 303



ROADABILITY
FIELD PERFORMANCE
TIRE LIFE

F-2

Pg.No.75

313



ROADABILITY
FIELD PERFORMANCE
TIRE LIFE
LOAD CARRYING CAPACITY

F-2

Pg.No.76

571



ROADABILITY
LOAD CARRYING CAPACITY
SOIL PROTECTION

IMP

Pg.No.77

319



ROADABILITY
LOAD CARRYING CAPACITY
SOIL PROTECTION

I-1

Pg.No.77

SUPER SOFT 802



DUTY CYCLE
TRACTION
TIRE LIFE

R-3

Pg.No.77

328



ROADABILITY
LOAD CARRYING CAPACITY
SOIL PROTECTION

FLOTATION

I-3

Pg.No.78

328 VALUE PLUS



ROADABILITY
LOAD CARRYING CAPACITY
SOIL PROTECTION

FLOTATION

I-3

Pg.No.79

TRAILER 448



LOAD CARRYING CAPACITY
ROADABILITY

IMP

Pg.No.79

320



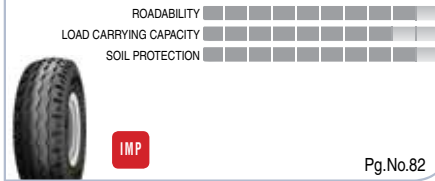
ROADABILITY
LOAD CARRYING CAPACITY
SOIL PROTECTION

IMP

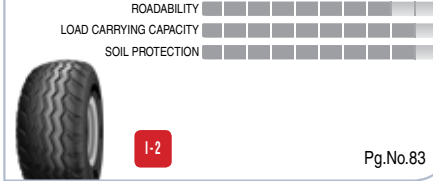
Pg.No.80

Tire Patterns by Segments

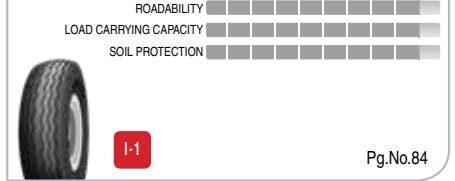
320 VALUE PLUS



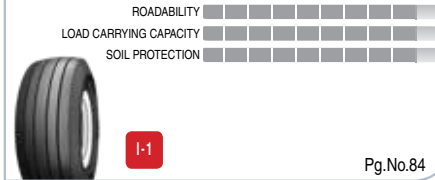
FarmPRO IMP 327



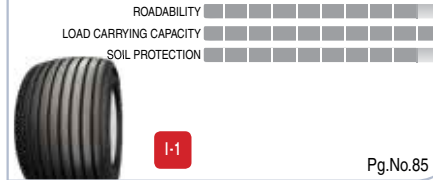
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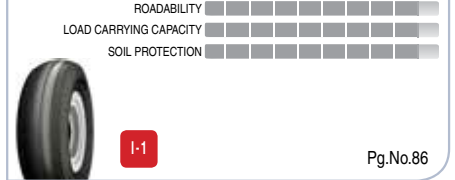
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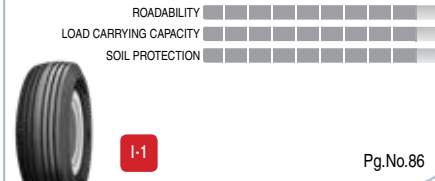
222



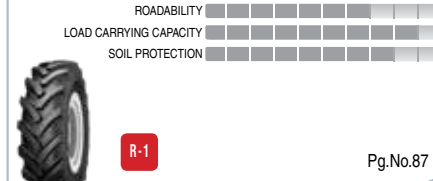
351



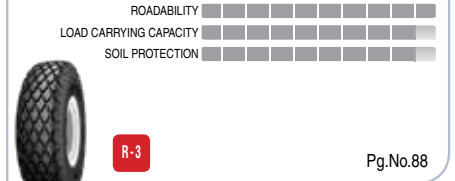
542



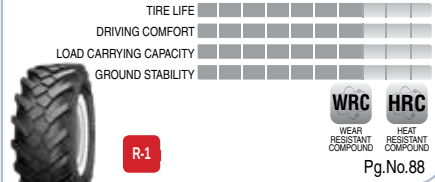
AS 323



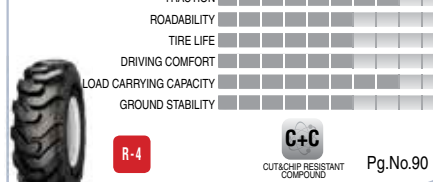
316



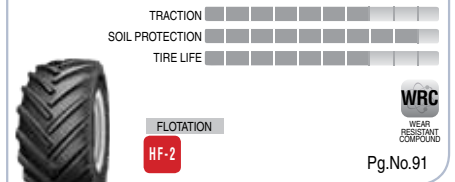
317



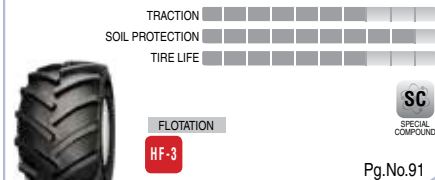
HI TRACTION 321



312

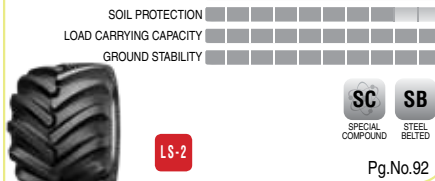


332

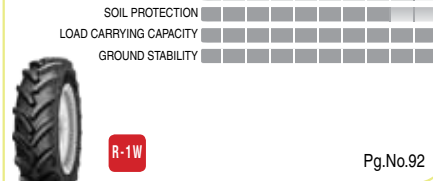


Agri - Loader

344



370



Tractor



RADIAL TRACTOR



AGRIFLEX+ 372 R-1W SB SG

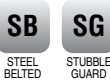
STEEL BELTED STUBBLE GUARD

The advanced AGRIFLEX+ 372 Very Improved Flexion (VF) designed with increased sidewall flexibility enables the tire to carry up to 40% more at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operational productivity. The R-1W pattern enables excellent grip as well as long tire life on hard surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)													
		SW	OD					Speed, km/h (mph)										Cyclic*		CFO*	
								Not high and sustained torque; Road transport													
								mm in	mm in	mm in	mm in	bar psi	10 6	15 9	20 12	30 31	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6	Load 15 9
VF 420/85R28	W15	448	1437	628	4254	151D	1.6	3700	3450	3450		3450	3140	2	5348	-	-				
	W14	17.6	56.6	24.7	167.5		23	8160	7610	7610		7610	6920	29	11790	-	-				
VF 600/60R28	DW20B	590	1430	620	4159	146D	1	3210	3000	3000	-	3000	2730	1.3	4650	-	-				
		23.2	56.3	24.4	163.7		15	7070	6610	6610	-	6610	6010	18	10240	-	-				
VF 600/65R28 CFO*						163D															
VF 600/70R28 CFO	DW21B	625	1560	681	4602	173D	2.8	6960	6500	6500	-	6500	5920	3.5	10075	-	-				
	DW20B	24.6	61.4	26.8	181.2		41	15330	14320	14320	-	14320	13040	51	22190	-	-				
VF 600/60R30	DW20B	590	1490	651	4335	147D	1	3290	3075	3075	-	3075	2800	1.3	4766	-	-				
		23.2	58.7	25.6	170.7		15	7250	6770	6770	-	6770	6170	18	10500	-	-				
VF 600/70R30 CFO	DW21B	625	1600	715	4724	170D	2.4	6430	6000	6000	-	6000	5460	3	9300	-	-				
	DW20B	24.6	63	28.1	186		35	14160	13220	13220	-	13220	12030	44	20480	-	-				
VF 620/75R30	DW23B	650	1675	720	4866	169D	1.6	6210	5800	5800		5800	5280			7714	6438				
	DW21B																				
	DW20B	25.6	65.9	28.3	191.6		23	13690	12790	12790		12790	11640			17010	14190				
VF 650/75R30 CFO	DW23B	660	1720	734	4964	172D	1.6	6750	6300	6300	-	6300	5730	-	-	8379	6993				
	DW21B	26	67.7	28.9	195.4		23	14870	13880	13880	-	13880	12620	-	-	18460	15400				
VF 710/55R30 NRO*						165D	-----UNDER DEVELOPMENT-----														
VF 710/60R30 NRO*						171D	-----UNDER DEVELOPMENT-----														
VF 900/60R32 NRO*						196D	-----UNDER DEVELOPMENT-----														
VF 600/70R34 NRO*						167D	-----UNDER DEVELOPMENT-----														
VF650/65R34 CFO NRO	DW23B	650	1720	753	4960	167D	1.6	5840	5450	5450		5450	4960	2	8448	-	-				
	DW20B	25.6	67.7	29.6	195.3		23	12880	12020	12020		12020	10940	29	18630	-	-				
VF 710/60R34-NRO*						173D	-----UNDER DEVELOPMENT-----														
VF 520/85R38*						170D	-----UNDER DEVELOPMENT-----														
VF 650/75R38 NRO*						175D	-----UNDER DEVELOPMENT-----														
VF 710/60R38 NRO	DW25B	710	1815	803	5314	160D	1	4820	4500	4500	-	4500	4100	1.3	6975	-	-				
	DW23B	28	71.5	31.6	209.2		15	10620	9910	9910	-	9910	9030	18	15360	-	-				
VF 710/70R38	DW25B	720	1959	843	5717	178D	1.6		7500	7500	8040	7500	6830	-	-	-	-				
	DW24B																				
	DW23B	28.3	77.1	33.2	225.1		23	16540	16540	17730		16540	15060	-	-	-	-				
VF 710/85R38-NRO*						183D	-----UNDER DEVELOPMENT-----														
VF 800/70R38 CFO NRO*						190A8	-----UNDER DEVELOPMENT-----														
VF 900/60R38 CFO NRO*						188A8	-----UNDER DEVELOPMENT-----														
VF 580/85R42 NRO*						183D	-----UNDER DEVELOPMENT-----														
VF 620/70R42*						172D	-----UNDER DEVELOPMENT-----														
VF 520/85R42	DW16L	540	1955	874	5806	177A8	2.8	7820	7300	7300		7300	6640			9709	8103				
	DW18L	21.3	77	34.4	228.6		41	17240	16090	16090		16090	14640			21410	17860				
VF 710/60R42	DW25B	710	1923	850	5656	161D	1	4960	4625	4625		4625	4210	1.3	7169	-	-				
		28	75.7	33.5	222.7		15	10930	10190	10190		10190	9270	18	15790	-	-				
710/70R42 VF CFO	DW25B	745	2062	924	6094	185D	2.4	9910	9250	9250		9250	8420	2.4		12303	10268				
		29.3	81.2	36.4	239.9		35	21850	20390	20390		20390	18560	35		27120	22640				
710/75R42 VF CFO	DW25B	725	2153	940	6279	181D	1.6	8840	8250	8250		8250	7510	1.6		10973	9158				
		28.5	84.8	37	247.2		23	19490	18190	18190		18190	16560	23		24190	20190				
VF 900/50R42-NRO*						180D	-----UNDER DEVELOPMENT-----														
VF 900/60R42-NRO*						189D	-----UNDER DEVELOPMENT-----														

AGRIFLEX 372 R-1W



The advanced AGRIFLEX 372 Improved Flexion (IF) designed with increased sidewall flexibility enables the tire to carry up to 20% more load at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operational productivity. The R-1W pattern ensures excellent grip as well as long tire life on hard surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)										Cyclic*	
				Not high and sustained torque; Road transport															
				mm in	mm in		mm in	mm in	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6	Load 15 9	Load 30 19	
IF 620/70R26*						170D	-----UNDER DEVELOPMENT-----												
IF 420/85R28	W15	448	1437	636	4261	145D	1.6	3630	3240	2970	—	2900	2640	2	4495	—	—		
	W14	17.6	56.6	25	167.8		23	8000	7140	6540	—	6390	5810	29	9900	—	—		
IF 600/70R28	DW21B	625	1560	695	4597	164D	2.4	6250	5580	5130	—	5000	4550	3	7750	—	—		
	DW20B	24.6	61.4	27.4	181		35	13770	12290	11300	—	11010	10020	44	17070	—	—		
IF 600/70R30	DW20	615	1610	720	4916	159D	1.6	5470	4890	4480	—	4375	3980	2	6781	—	—		
						23	12050	10770	9870	—	9640	8770	29	14940	—	—			
		24.2	63.4	28.3	193.6	165D	2.4	6440	5750	5280	—	5150	4690	3	7983	—	—		
						35	14190	12670	11630	—	11340	10330	44	17580	—	—			
IF 520/85R38	DW16L	540	1850	834	5482	167D	2.4	6810	6090	5590	—	5450	4960	3	8448	—	—		
	DW18L	21.3	72.8	32.8	215.8		35	15000	13410	12310	—	12000	10930	44	18610	—	—		
IF 520/85R42	DW16L	540	1955	879	5825	169D	2.4	7250	6480	5950	—	5800	5280	3	8990	—	—		
	DW18L	21.3	77	34.6	229.3		35	15970	14270	13110	—	12780	11630	44	19800	—	—		
IF 710/70R42 CFO	DW25B	745	2062	929	6114	179D	2.4	9690	8650	7940	—	7750	7050	3	12013	—	—		
	DW24B DW23B	29.3	81.2	36.6	240.7		35	21340	19050	17490	—	17070	15530	44	26460	—	—		
IF 710/65R46*						183D	-----UNDER DEVELOPMENT-----												

AGRI-STAR XL 378 R-1W



The Agri-star XL 378 Large Volume series is dedicated for application on High Power Tractors, Combines / Harvesters and big Trailers. Agri-star XL 378 provides very good performance at the price level of standard tires.

Specific tread pattern and tire construction enables use on numerous multipurpose applications. The tread pattern and lugs are designed to enable a comfortable and smooth run on hard surfaces, combined with high traction and excellent self cleaning abilities. Strong textile casing, reinforced by rigid belts guarantee stable tire dimensions, high puncture protection and huge tire to soil contact area. Long tread life is provided by advanced rubber compound which along with durable sidewalls, contribute to a longer overall tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
		Speed, km/h (mph)																	
		Not high and sustained torque;								Field operation									
		Road transport								Low Torque		High Torque							
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	70 44	10 6	20 12	10 6				
620/75R30 Steel Belted	DW20	590	1692	760.6	5025	166D	3.2	12190	7950	6280	6100	5800	5570	5300	4820	—	—	—	
		23.2	66.6	29.9	197.8	169A8	46	26850	17510	13830	13440	12780	12270	11670	10620	—	—	—	
710/55R30	DW23	677	1516	667	4459	153D	1.6	8400	5480	4330	4200	4000	3830	3650	3320	5600	4800	4280	
		26.7	59.7	26.3	175.6		23	18500	12070	9540	9250	8810	8440	8040	7310	12330	10570	9430	
710/60R30	DW23B	705	1616	723	4858	162D	2.4	10930	7130	5630	5460	5200	4990	4750	4320	7280	6240	5560	
		27.8	63.6	28.5	191.3	165A8	35	24070	15700	12400	12030	11450	10990	10460	9520	16040	13740	12250	
600/70R34	DW20B DW18L W18L	610	1705	770	5118	160D	2.4	10350	6750	5330	5180	4930	4730	4500	4100	6900	5920	5280	
		24	67.1	30.3	201.5	163A8	35	22800	14870	11740	11410	10860	10420	9910	9030	15200	13040	11630	
710/60R34	DW23B	710	1712	771	5128	164D	2.4	11500	7500	5930	5750	5480	5250	5000	4550	7670	6580	5860	
		28	67.4	30.4	201.9	167A8	35	25330	16520	13060	12670	12070	11560	11010	10020	16890	14490	12910	
650/75R38	DW23B DW21B DW20B	671	1930	871	5730	169D	2.4	13340	8700	6870	6670	6350	6090	5800	5280	8890	7620	6790	
		26.4	76	34.3	225.6	172A8	35	29380	19160	15130	14690	13990	13410	12780	11630	19580	16780	14960	
900/55R38 Steel Belted	DW27 DW28	850	2000	901	6021	178D	2.4	17250	11250	8890	8630	8210	7880	7500	—	11490	9850	8780	
		33.5	78.7	35.5	237	181A8	35	38000	24780	19580	19010	18080	17360	16520	—	25310	21700	19340	
900/60R38	DW27 DW28	856	2032	912	6081	178D	2.4	17250	11250	8890	8630	8210	7880	7500	6830	11490	9850	8780	
		33.7	80	35.9	239.4	181A8	35	38000	24780	19580	19010	18080	17360	16520	15040	25310	21700	19340	
710/75R42	DW23B	730	2140	965	6409	175D	2.4	15870	10350	8180	7940	7560	7250	6900	6280	10580	9070	8090	
		28.7	84.3	38	252.3	178A8	35	34960	22800	18020	17490	16650	15970	15200	13830	23300	19980	17820	
900/50R42	DW28B DW27B DW30B	855	1947	861	5771	168D	1.6	12880	8400	6640	6440	6130	5880	5600	5100	8580	7360	6560	
		33.7	76.7	33.9	227.2		23	28370	18500	14630	14190	13500	12950	12330	11230	18900	16210	14450	
900/60R42	DW28 DW27 DW30	890	2140	951	6356	180D	2.4	18400	12000	9480	9200	8760	8400	8000	7280	12260	10510	9370	
		35	84.3	37.4	250.3		35	40530	26430	20880	20260	19300	18500	17620	16040	27000	23150	20640	

AGRI-STAR 365 VF

R-1W

SB

SG

STEEL
BELTED

STUBBLE
GUARD



The 365 Agri-star tread pattern represents the family of modern radial agricultural tires with low aspect ratio. VF technology combined with special construction & advanced compounds provide low soil compaction, extraordinary traction and 40% higher load capacity for the same inflation pressure. Narrow Rim Option (NRO) technology enables VF tires marked NRO also to be fitted on a standard rim.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)						
		Speed, km/h (mph)												
		Not high and sustained torque; Road transport						Cyclic*						
		SW	OD					mm in	mm in	mm in	mm in	bar psi	10 6	15 9
mm in	mm in	10 6	15 9	20 12	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi						10 6	
VF 600/65R28 NRO	DW20B	615	1491	642	4436	163D	2	5220	4875	4875	4875	4440	2.5	7560
	W18L DW21B	24.2	58.7	25.3	174.6		29	11500	10740	10740	10740	9780	36	16650
VF 650/65R42 NRO	DW20B	650	1935	842	5894	174D	2	7180	6700	6700	6700	6100	2.5	10390
	W18L DW21B	25.6	76.2	33.1	232		29	15830	14770	14770	14770	13450	36	22910

AGRI-STAR 365 R-1W



The Alliance Agri-star 365 (High Speed Drive Tractor Radial) tread pattern represents the family of modern radial agricultural tires with low aspect ratio. High tire volumes as well as low inflation pressure, provides high traction capabilities and more soil protection. The optimum number of elastic lugs promises excellent self-cleaning capability. Strong carcass and rigid belts ensure long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
		Speed, km/h (mph)																
		Field	1) Not high and sustained torque; 2) Road transport															
			Non cyclic operation					Cyclic operation										
mm in	mm in	mm in	mm in	bar psi	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9						
420/65R20	W13	418 16.5	1054 41.5	513 20.2	3110 122.4	135D 138A8	2.5 35	2510 5530	2580 5680	2390 5260	2290 5040	2180 4800	1980 4360	3.1 44	3710 8170	3380 7440		
		440/65R24	W14L W13	447 17.6	1192 46.9	547.4 21.6	3555 140	128D 131A8	1.6 23	2070 4560	2130 4690	1970 4340	1890 4160	1640 3960	2 29	3060 6740	2790 6150	
135D 138A8	2.4 35			2510 5530	2580 5680	2390 5260	2290 5040	2180 4800	1980 4360	3 44	3710 8170	3380 7440						
480/65R24	W15L			483 19	1238 48.7	555 21.9	3670 144.5	140D	2 29	2880 6340	2960 6520	2740 6040	2630 5790	2500 5510	2280 5020	2.9 42	4250 9360	3880 8550
				540/65R24	W16L W18L	540 21.3	1312 51.7	592 23.3	3871 152.4	140D	1.6 23	2880 6340	2960 6520	2740 6040	2630 5790	2500 5510	2280 5020	2 29
146D	2.4 35	3450 7600	3560 7840			3290 7250	3150 6940	3000 6610	2730 6010	3 44	5100 11230	4650 10240						
440/65R28	W14LX28	441 17.4	1283 50.5			590.4 23.2	3869 152.3	138D	2.4 35	2710 5980	2800 6170	2580 5690	2480 5470	2360 5200	2150 4740	3 44	4010 8840	3660 8070
		480/65R28	W15L W14L			484 19	1335 52.6	604 23.9	4094 161.1	142D 145A8	2.4 35	3050 6720	3140 6920	2900 6390	2780 6120	2650 5840	2410 5310	3 44
136D	1.6			2580	2650	2450	2350	2240	2040	2	3810	3470						
139A8	23			5680	5840	5400	5180	4930	4490	29	8390	7640						
142D	1.6			3050	3140	2900	2780	2650	2410	2	4510	4110						
540/65R28	W16L W15L W18L	530 20.9	1420 55.9	639 25.2	4200 165.4	145A8	23	6720	6920	6390	6120	5840	5310	29	9930	9050		
		149D	2.4	3740	3850	3560	3410	3250	2960	3	5530	5040						
		152A8	35	8240	8480	7840	7510	7160	6520	44	12180	11100						
		147D	1.6	3540	3640	3370	3230	3075	2800	2	5230	4770						
600/65R28	DW20 W18L	594 23.4	1484 58.4	668.6 26.3	4450 175.2	150A8	23	7800	8020	7420	7110	6770	6170	29	11520	10510		
		154D	2.4	4310	4440	4110	3940	3750	3410	3	6380	5810						
		157A8	35	9490	9780	9050	8680	8260	7510	44	14050	12800						
		143D	1.6	3130	3230	2980	2860	2725	2480	2	4630	4220						
540/65R30	W16L W18L	560 22	1486 58.5	668 26.3	4478 176.3	146A8	23	6890	7110	6560	6300	6000	5460	29	10200	9300		
		150D	2.4	3850	3970	3670	3520	3350	3050	3	5700	5190						
		153A8	35	8480	8740	8080	7750	7380	6720	44	12560	11430						
		149D	1.6	3740	3850	3560	3410	3250	2960	2	5530	5040						
600/65R30	DW20 W18L	610 24	1542 60.7	697 27.4	4738 186.5	158D	23	8240	8480	7840	7510	7160	6520	29	12180	11100		
		2.5 36	4890 10770	5040 11100	4650 10240	4460 9820	4250 9360	3870 8520	3.1 45	7230 15930	6590 14520							

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				Field	1) Not high and sustained torque; 2) Road transport											
					Non cyclic operation					Cyclic operation						
		mm in	mm in	mm in	mm in		bar psi		25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9
540/65R34	W16L W15L W18L	533 21	1570 61.8	717.9 28.3	4780 188.2	152D	2.4	4080	4210	3890	3730	3550	3230	3	6040	5500
						155A8	35	8990	9270	8570	8220	7820	7110	44	13300	12110
						145D	1.6	3340	3440	3180	3050	2900	2640	2	4930	4500
						148A8	23	7360	7580	7000	6720	6390	5810	29	10860	9910
600/65R34	W18L W16 DW20A	602 23.7	1648 64.9	739.7 29.1	4904 193.1	151D	1.6	3970	4090	3780	3620	3450	3140	2	5870	5350
						155A8	23	8740	9010	8330	7970	7600	6920	29	12930	11780
						157D	2.4	4740	4890	4520	4330	4125	3750	3	7010	6390
						160A8	35	10440	10770	9960	9540	9090	8260	44	15440	14070
540/65R38	W16L W18L	540 21.3	1667 65.6	770 30.3	4989 196.4	153D	2.4	4200	4330	4000	3830	3650	3320	3	6210	5660
							35	9250	9540	8810	8440	8040	7310	44	13680	12470
600/65R38	W18L W16 DW20A DW18L	594 23.4	1748 68.8	796 31.3	5169 203.5	153D	1.6	4200	4120	3830	3720	3650	3320	2	6210	5660
						155A8	23	9250	9070	8440	8190	8040	7310	29	13680	12470
						159D	2.4	5030	5180	4790	4590	4375	3980	3	7440	6780
						162A8	35	11080	11410	10550	10110	9640	8770	44	16390	14930
650/65R38	DW20B DW18L	658 25.9	1825 71.9	826 32.5	5505 216.7	157D	1.6	4740	4890	4520	4330	4125	3750	2	7010	6390
						160A8	23	10440	10770	9960	9540	9090	8260	29	15440	14070
						163D	2.4	5610	5780	5340	5120	4875	4440	3	8290	7560
						166A8	35	12360	12730	11760	11280	10740	9780	44	18260	16650
						Special 166D	2.5	6100	6280	5800	5570	5300	4820	3.1	9010	8220
						169A8	36	13440	13830	12780	12270	11670	10620	45	19850	18110
						171D	3.6	7070	7290	6730	6460	6150	5600	4.5	10460	9530
						174A8	52	15570	16060	14820	14230	13550	12330	65	23040	20990
710/70R38	DW23A W18	728 28.7	1950 76.8	874.1 34.4	5924 233.2	166D	1.6	6100	5990	5570	5410	5300	4820	2	9010	8220
						168A8	23	13440	13190	12270	11920	11670	10620	29	19850	18110
						171D	2.4	7070	7290	6730	6460	6150	5600	3	10460	9530
						174A8	35	15570	16060	14820	14230	13550	12330	44	23040	20990
650/65R42	DW20B W18	657 25.9	1945 76.6	882.5 34.7	5760 226.8	158D	1.6	4890	5040	4650	4460	4250	3870	2	7230	6590
						160A8	23	10780	11110	10250	9830	9370	8530	29	15940	14530
						170D	3.2	6900	7110	6570	6300	6000	5460	4	10200	9300
						173A8	46	15200	15660	14470	13880	13220	12030	58	22490	20500
710/70R42 Steel Belted	DW23B	740 29.1	2055 80.9	936 36.9	6102 240.2	173D	2.4	7480	7700	7120	6830	6500	5920	3	11050	10080
						176A8	35	16480	16960	15680	15040	14320	13040	44	24340	22200
						Special 177D	3.2	8400	8650	8000	7670	7300	6640	4	12410	11320
						180A8	46	18500	19050	17620	16890	16080	14630	58	27330	24930

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Not high and sustained torque; Road transport						Field operation		
													Low Torque		High Tor	
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6
420/65R24	W13	418	1156	580	3415	126A8	1.6	3910	2550	1890	1820	1700	1700	2380	2040	1820
						126B	23	8620	5620	4170	4010	3750	3750	5250	4500	4010

AGRI-STAR 370 R-1W

Agri-star 370 is a wide base radial tire developed for modern and high power tractors on heavy duty field and hauling applications. The tire provides high load carrying capacity (about 10% more) at the same inflation pressure compared with the standard section size tire.

Special R1-W traction tread pattern, radial nylon casing, rigid belts, mudguard and unique shoulder design ensure excellent grip and high traction efficiency. The large tire footprint area reduces average ground pressure, minimizing soil compaction and increases flotation abilities. Strong nylon carcass, rigid belts and endurance tread rubber compound provides long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Not high and sustained torque; Road transport						Field operation		
								mm in	mm in	mm in	mm in	mm in	mm in	Static	10 6	25 16
200/70R16	W6	197	686	315	2047	94A8	2.4	1540	1010	740	720	670	670	940	800	720
		7.8	27	12.4	80.6	94B	35	3390	2220	1630	1590	1480	1480	2070	1760	1590
240/70R16	W8	245	740	337	2196	104A8	2.4	2070	1350	1000	960	900	820	1260	1080	960
		W9	9.6	29.1	13.3	86.5	101 B	35	4560	2970	2200	2110	1980	1810	2780	2380

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
				Not high and sustained torque; Road transport										Field operation				
														Low Torque		High Tor		
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6					
480/70R34	W15L	479 18.9	1576 62	729 28.7	4689 184.6	143A8	1.6	6270	4090	3020	2920	2725	2480	3820	3270	2920		
						140 B	23	13810	9010	6650	6430	6000	5460	8410	7200	6430		
						146A8	2.1	6900	4500	3330	3000	3000	2730	4200	3600	3210		
						146 B	30	15200	9910	7330	6610	6610	6010	9250	7930	7070		
						155A8	2.6	8910	5810	4300	4150	3870	3530	5430	4650	4150		
						152 B	38	19630	12800	9470	9140	8540	7780	11960	10240	9140		
520/70R34	W16L W18L W18L	516 20.3	1632 64.3	739 29.1	4826 190	148A8	1.6	7250	4730	3500	3370	3150	2870	4410	3780	3370		
						145 B	23	15970	10420	7710	7420	6940	6320	9710	8330	7420		
						168A8	4.4	12880	8400	6220	5990	5600	5100	7840	6720	5990		
						165 B	64	28370	18500	13700	13190	12330	11230	17270	14800	13190		
480/70R38	W15L W14L W16L	479 18.9	1667 66	767 30.2	4991 196.5	145A8	1.6	6670	4350	3220	3100	2900	2640	4060	3480	3100		
						142 B	23	14690	9580	7090	6830	6390	5810	8940	7670	6830		
520/70R38	W16L W16A W18L	516 20.3	1733 68.2	790 31.1	5144 202.5	150A8	1.6	7710	5030	3720	3580	3350	3050	4690	4020	3580		
						147 B	23	16980	11080	8190	7890	7380	6720	10330	8850	7890		
580/70R38	W18A W18L DW18L	577 22.7	1817 71.5	816 32.1	5443 214.3	155A8	1.6	8910	5810	4300	4150	3875	3530	5430	4650	4150		
						152 B	23	19630	12800	9470	9140	8540	7780	11960	10240	9140		
						Reinforced rim 170A8	2.8	13800	9000	6660	6420	6000	5460	8400	7200	6420		
						167 B	41	30400	19820	14670	14140	13220	12030	18500	15860	14140		
						Reinforced rim 180A8	4.6	18400	12000	8880	8560	8000	7280	11200	9600	8560		
						180A8	67	40530	26430	19560	18850	17620	16040	24670	21150	18850		
710/70R38 (Des.360)	DW23A	716 28.2	1948 76.7	877 34.5	5739 225.9	166A8	1.6	12190	7950	5880	5670	5300	4820	7420	360	5670		
						163B	23	26850	17510	12950	12490	11670	10620	16340	14010	12490		
						172A8	2.1	14490	9450	6990	6740	6300	5730	8820	7560	6740		
						169B	30	31920	20810	15400	14850	13880	12620	19430	16650	14850		
						178A8	2.8	17250	11250	8330	8030	7500	6830	10500	9000	8030		
						175B	41	38000	24780	18350	17690	16520	15040	23130	19820	17690		
800/70R38	DW25B DW23B DW27B	806 31.7	2082 82	929 36.6	6101 240.2	173A8	1.6	14950	9750	7220	6960	6500	6500	9100	7800	6960		
						173 B	23	32930	21480	15900	15330	14320	14320	20040	17180	15330		
580/70R42	W18L	601 23.7	1900 74.8	864 34	5632 221.7	158A8	1.6	9780	6380	4720	4550	4250	4250	5950	5100	4550		
						158 B	23	21540	14050	10400	10020	9360	9360	13110	11230	10020		
710/70R42 (Des.365)	DW23B	740 29.1	2055 80.9	936 36.9	6178 243.2	173A8	2.4	14950	9750	7220	6960	6500	6500	9100	7800	6960		
						173 B	35	32930	21480	15900	15330	14320	14320	20040	17180	15330		
						180A8	3.2	18400	12000	8880	8560	8000	8000	11200	9600	8560		
						180B	46	40530	26430	19560	18850	17620	17620	24670	21150	18850		

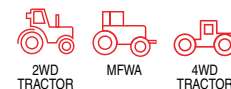
370 COMBINE HARVESTER

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index	Inflation Pressure	Recommended Load												
								Speed												
		SW	OD					mm	mm	PR	bar	Cyclic*	Drive wheel				Free rolling			
												10	10	25	30	10	25	30	40	
		mm	mm			Symbols		kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph					
600/70R28	W18L, DW20B	592	1562	709	4671	173A8	2.8	10920	6480	5500	5180	9100	7740	7280	6500					
					183.9	161A8	41	24070	14290	12130	11420	20060	17060	16050	14330					

370 HIGH SPEED RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Field	1) Not high and sustained torque; 2) Road transport								
									Non cyclic operation					Cyclic operation			
									25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9	
19.5LR28 (480/70R28)	W15L W14L W16L	479 18.9	1423 56	640 25.2	4190 164.9	149D 146 E	2.8 41		3740 8240	3850 8480	3560 7840	3410 7510	3250 7160	2960 6520	3.5 51	5530 12180	5040 11100
19.5LR30 (480/70R30)	W15L W14L W16L	479 18.9	1474 58	674 26.5	4491 176.8	147D	2.4		3540	3640	3370	3230	3075	2800	3	5230	4770
						144E	35	7800	8020	7420	7110	6770	6170	44	11520	10510	
						152D	3.2	4080	4210	3890	3730	3550	3230	4	6040	5500	
						149E	46	8990	9270	8570	8220	7820	7110	58	13300	12110	
						157D	4	4740	4890	4520	4330	4125	3750	5	7010	6390	
						154E	58	10440	10770	9960	9540	9090	8260	73	15440	14070	

FarmPRO RADIAL 70 R-1W



The Alliance FarmPRO '70 Series Radial is a highly versatile range that represents the family of modern agricultural radial tires. The multi angle lug design with steep angles at the center enables smooth ride, along with self clearing characteristic. In addition, the shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall which enhances the tire's visual appeal.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
		mm in	mm in					40 25	50 30	70 44
280/70R20	W10	278	912	415	2706	116A8	2.4	1250	1250	—
	W9	10.9	35.9	16.3	106.5	116B	35	2750	2750	—
300/70R20	W9	293	956	435	2833	120A8	2.4	1400	1400	—
	W10	11.5	37.6	17.1	111.5	120B	35	3080	3080	—
320/70R20	W10	325	986	445	2908	123A8	2.4	1550	1550	—
	W9	12.8	38.8	17.5	114.5	123B	35	3410	3410	—
	W11									—
320/70R24	W10	319	1094	499	3227	116A8	1.6	1250	1250	—
		12.6	43.1	19.6	127	116B	23	2750	2750	—
360/70R24	W11	357	1148	522	3387	122A8	1.6	1500	1500	—
	W10	14.1	45.2	20.6	133.3	122B	23	3300	3300	—
	W12									—
380/70R24	W12	380	1190	538	3511	125A8	1.6	1650	1650	—
		15	46.9	21.2	138.2	125B	23	3635	3635	—
420/70R24	W13	418	1248	561	3682	130A8	1.6	1900	1900	—
	W12	16.5	49.1	22.1	145	130B	23	4190	4190	—
	W14L									—
480/70R24	W15L	479	1316	588	3859	138A8	1.6	2360	2360	—
		18.9	51.8	23.1	151.9	138B	23	5200	5200	—
320/70R28	W10	319	1192	547	3516	119A8	1.6	1360	1360	—
		12.6	46.9	21.5	138.4	119B	23	3000	3000	—
360/70R28	W11	357	1240	572	3658	125A8	1.6	1650	1650	—
		14.1	48.8	22.5	144	125B	23	3630	3630	—
380/70R28	W12	380	1293	589	3814	127A8	1.6	1750	1750	—
		15	50.9	23.2	150.2	127B	23	3850	3850	—
420/70R28	W13	418	1349	611	3980	133A8	1.6	2060	2060	—
		16.5	53.1	24.1	156.7	133B	23	4540	4540	—
480/70R28	W15L	479 18.9	1415 55.7	640 25.2	4174 164.3	140A8	1.6	2500	2500	2900
						140B	23	5510	5510	6400
						151A8	3.2	3450	—	—
						145E	46	7600	—	—
600/70R28	DW20	611	1551	696	4610	161A8	2.8	4625	4625	—
		24.1	61.1	27.4	181.4	161B	41	10190	10190	—
420/70R30	W13	418	1398	636	4124	134A8	1.6	2120	2120	—
	W12	16.5	55	25	162.4	134B	23	4675	4675	—
480/70R30	W15L	479 18.9	1478 58.2	668 26.3	4360 171.7	141A8	1.6	2575	2575	—
						141B	23	5670	5670	—
						150A8	2.8	3350	—	2800
						144E	41	7380	—	6170
						156A8	4	4000	4000	—
						156B	58	8820	8820	—
520/70R30	W16L	516	1536	691	4531	145A8	1.6	2900	2900	—
		20.3	60.5	27.2	178.4	145B	23	6395	6395	—
600/70R30	DW20BX30	611	1602	715	4680	152A8	1.6	3550	3550	—
		24.1	63.1	28.1	184.2	152B	24	7820	7820	—
480/70R34	W15L	479	1580	719	4661	143A8	1.6	2725	2725	—
		18.9	62.2	28.3	183.5	143B	23	6000	6000	—
480/70R34	DW15L	479	1580	725.5	4836	155A8	3.1	3875	3875	—
		18.9	62.2	28.6	190.4	155B	45	8540	8540	—
520/70R34	W16L	516	1640	743	4838	148A8	1.6	3150	3150	—
		20.3	64.6	29.3	190.5	148B	23	6940	6940	—
480/70R38	W15L	479	1681	770	4959	145A8	1.6	2900	2900	—
		18.9	66.2	30.3	195.2	145B	23	6390	6390	—
520/70R38	W16L	516	1755	797	5177	150A8	1.6	3350	3350	—
		20.3	69.1	31.4	203.8	150B	23	7380	7380	—
580/70R38	W18L	577 22.7	1835 72.2	828 32.6	5413 213.1	155A8	1.6	3875	3875	—
						155B	23	8540	8540	—
						180A8	5.4	8000	8000	—
						180B	78	17640	17640	—

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
		mm in	mm in					mm in	mm in	Speed Symbol
710/70R38	DW23B	716	1958	902	5645	172A8	2.4	6300	6300	—
		28.2	77.1	35.5	222.2	172B	35	13560	13560	—
						178A8	3.4	7500		
						178B	49	16535		
800/70R38*							173*	-----UNDER DEVELOPMENT-----		
710/70R42	DW23B	716	2061	938	6080	173A8	2.4	6500	6500	—
		28.2	81.1	36.9	239.4	173B	35	14330	14330	—

AGRI-STAR 385 R-1W

Agri-star 385 Radial tire is a part of the '85 Series and represents our focus on developing tires that meet the demands of extensive developments in the tractor industry. The tread-pattern is designed with specific lug construction and strength required for modern high HP/ speed tractors. Special focus is given to the flexibility characteristics of the tire. The 385 promises a smooth and comfortable ride. Strong textile casing combined with high quality tread and sidewall rubber compounding ensures better tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		Not high and sustained torque;						Field operation									
		Road transport						Low Torque		High To							
		SW	OD						Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi											
11.2R20	W10	286	994	448	2930	**	1.6	2510	1640	1210	1170	1090	1000	-	1530	1310	1170
	W9	11.3	39.1	17.6	115.4	111A8 108B	23	5530	3610	2670	2580	2400	2200	-	3370	2890	2580
460/85R34	W16L	486	1653	749	4893	144A8	1.4	6440	4200	3110	3000	2800	2550	-	3920	3360	3000
	W15L	19.1	65.1	29.5	192.6	141B	20	14190	9250	6850	6610	6170	5620	-	8630	7400	6610
	W14L					157A8	2.8	9490	6190	4580	4410	4125	3750	-	5780	4950	4410
						154B	41	20900	13630	10090	9710	9090	8260	-	12730	10900	9710
380/80R38	W12	385	1596	738	4781	142A8	2.4	6100	3980	3260	2840	2650	2650	-	3710	3180	2840
	W13	15.2	62.8	29.1	188.2	142B	35	13440	8770	7180	6260	5840	5840	-	8170	7000	6260
	W11																
480/80R46	DW16L	485	1948	900	5832	158A8	2.4	9780	6380	5230	4550	4250	4250	-	5950	5100	4550
	W16L	19.1	76.7	35.4	229.6	158B	35	21540	14050	11520	10020	9360	9360	-	13110	11230	10020
520/85R46 (Des.375)	DW16	530	2050	941	6114	158A8	1.6	9780	6380	4720	4550	4250	3870	-	5950	5100	4550
	W15 DW18L	20.9	80.7	37	240.7	155 B	23	21540	14050	10400	10020	9360	8520	-	13110	11230	10020

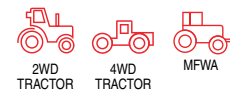
385 HIGH SPEED RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque;								Field operation	
								Road transport								Low Torque	
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6
280/85R20	W10	286	994	448	2930	109D	1.6	2370	1550	1220	1180	1130	1080	1030	1580	1360	1210
	W9	11.3	39.1	17.6	115.4	112A8	23	5220	3410	2690	2600	2490	2380	2270	3480	3000	2670
320/85R20	W11	325	1044	465	3053	116D	1.6	2880	1880	1480	1440	1370	1310	1250	1920	1640	1470
	W10 W9	12.8	41.1	18.3	120.2	119A8	23	6340	4140	3260	3170	3020	2890	2750	4230	3610	3240
320/85R24	W11	325	1152	524.5	3418	119D	1.6	3130	2040	1610	1560	1490	1430	1360	2090	1790	1590
	W10 W9	12.8	45.4	20.6	134.6	122A8	23	6890	4490	3550	3440	3280	3150	3000	4600	3940	3500
340/85R24	W12	350	1185	538	3462	122D	1.6	3450	2250	1780	1730	1640	1580	1500	2300	1970	1750
	W11	13.8	46.7	21.2	136.3	125A8	23	7600	4960	3920	3810	3610	3480	3300	5070	4340	3850
380/85R24	W12	390	1256	567	4494	128D	1.6	4140	2700	2130	2070	1970	1890	1800	2760	2360	2110
	W13 W11	15.4	49.4	22.3	176.9	131A8	23	9120	5950	4690	4560	4340	4160	3960	6080	5200	4650
420/85R24	W12	440	1329	596	4082	134D	1.6	4880	3180	2510	2440	2320	2230	2120	3250	2780	2480
	W13 W11	17.3	52.3	23.5	160.7	137A8	23	10750	7000	5530	5370	5110	4910	4670	7160	6120	5460
380/85R28	W12	385	1352	617	4016	130D	1.6	4370	2850	2250	2190	2080	2000	1900	2910	2500	2230
	W13 W11	15.2	53.2	24.3	158.1	133A8	23	9630	6280	4960	4820	4580	4410	4190	6410	5510	4910
420/85R28	W15L	450	1435	649	4220	136D	1.6	5150	3360	2650	2580	2450	2350	2240	3430	2940	2620
	W14L W13	17.7	56.5	25.6	166.2	139A8	23	11340	7400	5840	5680	5400	5180	4930	7560	6480	5770

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Not high and sustained torque;						Field operation			
								Road transport						Low Torque		High Tor	
mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6		
420/85R30	W15L	453	1475	669	4343	137D	1.6	5290	3450	2730	2650	2520	2420	2300	3530	3020	2700
	W14L W13	17.8	58.1	26.3	171	140A8	23	11650	7600	6010	5840	5550	5330	5070	7780	6650	5950
380/85R34	W12	390	1520	694	4516	134D	1.6	4880	3180	2510	2440	2320	2230	2120	3250	2780	2480
	W13 W11	15.4	59.8	27.3	177.8	137A8	23	10750	7000	5530	5370	5110	4910	4670	7160	6120	5460
420/85R34	W15L W14L W13	450 17.7	1580 62.2	713 28.1	4696 184.9	139D	1.6	5590	3650	2880	2790	2660	2550	2430	3720	3190	2850
						142A8	23	12310	8040	6340	6150	5860	5620	5350	8190	7030	6280
						144D	2.1	6440	4200	3320	3220	3070	2940	2800	4300	3680	3280
460/85R34	W16L W15L W14L	486 19.1	1653 65.1	749.5 29.5	4893 192.6	147A8	30	14190	9250	7310	7090	6760	6480	6170	9470	8110	7220
						144D	1.6	6440	4200	3320	3220	3070	2940	2800	4300	3680	3280
420/85R38	W15L W14L W13	446 17.6	1670 65.7	766 30.2	4990 196.5	141D	1.6	5920	3860	3050	2960	2820	2700	2575	3950	3380	3020
						144A8	23	13040	8500	6720	6520	6210	5950	5670	8700	7440	6650
460/85R38	W16L W15L W14L	490 19.3	1755 69.1	802 31.6	5191 204.4	146D	1.6	6900	4500	3560	3450	3290	3150	3000	4610	3950	3520
						149A8	23	15200	9910	7840	7600	7250	6940	6610	10150	8700	7750
520/85R38	DW16L DW18L	522 20.6	1854 73	842 33.1	5596 220.3	152D	1.6	8170	5330	4210	4080	3890	3730	3550	5450	4670	4160
						155A8	23	18000	11740	9270	8990	8570	8220	7820	12000	10290	9160
						166D	3.2	12190	7950	6280	6100	5800	5570	5300	8120	6960	6210
						169A8	46	26850	17510	13830	13440	12780	12270	11670	17890	15330	13680
650/85R38	DW23A DW21A DW20A	700	2052	934	6033	170D	2.4	13800	9000	7110	6900	6570	6300	6000	9200	7880	7030
		27.6	80.8	36.8	237.5	173A8	35	30400	19820	15660	15200	14470	13880	13220	20260	17360	15480
520/85R42 (20.8R42)	DW18L	538 21.2	1956 77	885 34.8	5781 227.6	154D	1.6	8630	5630	4440	4310	4110	3940	3750	5750	4930	4400
						157A8	23	19010	12400	9780	9490	9050	8680	8260	12670	10860	9690
						165D	2.8	11850	7730	6100	5920	5640	5410	5150	7900	6770	6030
						168A8	41	26100	17030	13440	13040	12420	11920	11340	17400	14910	13280
						170D	3.6	13800	9000	7110	6900	6570	6300	6000	9200	7880	7030
						173A8	52	30400	19820	15660	15200	14470	13880	13220	20260	17360	15480
420/80R46	W13 W12 W14	420 16.5	1861 73.3	857.8 33.8	5611 220.9	151D	2.4	7940	5180	4090	3970	3780	3620	3450	5290	4540	4040
						154A8	35	17490	11410	9010	8740	8330	7970	7600	11650	10000	8900
						159D	3.2	10060	6560	5180	5030	4790	4590	4375	6710	5750	5130
						162A8	46	22160	14450	11410	11080	10550	10110	9640	14780	12670	11300
520/85R46 (Des.375)	DW16 W15 DW18L	530	2050	941.2	6114	169D	3.2	13340	8700	6870	6670	6440	6090	5800	9020	7730	6890
		20.9	80.7	37.1	240.7	173A8	46	29380	19160	15130	14690	14190	13410	12780	19870	17030	15180
480/80R50 Steel Belted	W15L W14L	480 18.9	2060 81.1	958 37.7	6153 242.3	159D	2.4	10060	6560	5180	5030	4790	4590	4375	6710	5750	5130
						162A8	35	22160	14450	11410	11080	10550	10110	9640	14780	12670	11300
						165D	3.2	11850	7730	6100	5920	5640	5410	5150	7900	6770	6030
						168A8	46	26100	17030	13440	13040	12420	11920	11340	17400	14910	13280

FarmPRO RADIAL and R-1W FarmPRO RADIAL II

FarmPRO '85 Series of agricultural radial tires have multi angle lug design with steep angles at the center that enables smooth ride along with self cleaning characteristics. The shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended Load		
								Speed		
		SW	OD					Mixed application		
		mm in	mm in	mm in	mm in	Speed Symbol	bar psi	40 25	50 30	
280/85R20 (Des.842)	W10	288	984	447	2913	112A8	1.6	1120	1120	
	W9	11.3	38.7	17.6	114.7	112B	23	2470	2470	
320/85R20 (Des.842)	W11	319	1045	472	3093	119A8	1.6	1360	1360	
		12.6	41.1	18.6	121.8	119B	23	2992	2992	
250/85R24	W8	246	1036	476	3067	109A8	1.6	1030	1030	
	W7 W9	9.7	40.8	18.7	120.7	109B	23	2270	2270	
280/85R24	W10	270	1086	495	3215	115A8	1.6	1215	1215	
	9	10.6	42.8	19.5	126.6	115B	23	2680	2680	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended Load	
		SW	OD					Speed	
								Mixed application	
								mm in	mm in
320/85R24	W11 9,11	336 13.2	1148 45.2	515 20.3	3398 133.8	122A8	1.6	1500	1500
						122B	23	3305	3305
						142A8	4.7	2650	2650
						142B	67	5840	5840
340/85R24	W12 11	356 14	1181 46.5	530 20.9	3496 137.6	125A8	1.6	1650	1650
						125B	23	3640	3640
380/85R24	W12 11,13	386 15.2	1252 49.3	557 21.9	3706 145.9	131A8	1.6	1950	1950
						131B	23	4300	4300
420/85R24	W15L 13,14	418 16.5	1315 51.8	591 23.3	3879 152.7	137A8	1.6	2300	2300
						137B	23	5070	5070
14.9R26*						127A8 124B	-----UNDER DEVELOPMENT-----		
16.9R26*						135A8 132B	-----UNDER DEVELOPMENT-----		
18.4R26*						140A8 137B	-----UNDER DEVELOPMENT-----		
250/85R28	W8	250 9.8	1137 44.8	526 20.7	3325 130.9	112A8	1.6	1120	1020
						112B	23	2470	2250
280/85R28	W9 W10	280 11	1187 46.7	539 21.2	3514 138.3	118A8	1.6	1320	1320
						118B	23	2910	2910
320/85R28	W11 9,10	325 12.8	1246 49.1	565 22.2	3610 142.1	124A8	1.6	1600	1600
						124B	23	3530	3530
340/85R28	W12 11	360 14.2	1295 51	580 22.8	3833 150.9	127A8	1.6	1750	1750
						127B	23	3860	3860
380/85R28	W12 11	380 15	1352 53.2	604 23.8	4002 157.6	133A8	1.6	2060	2060
						133B	23	4540	4540
420/85R28	W15L 13,14	418 16.5	1420 55.9	630 24.8	4189 164.9	139A8	1.6	2430	2430
						139B	23	5355	5355
380/85R30	W12	380 15	1402 55.2	630 24.8	4110 161.8	135A8	1.6	2180	2180
						135B	23	4800	4800
420/85R30	W15L 13,14	431 17	1468 57.8	658 25.9	4331 170.5	140A8	1.6	2500	2500
						140B	23	5510	5510
420/90R30	DW13	418 16.5	1518 59.8	684 26.9	4478 176.3	147A8	2.4	3075	3075
						147B	35	6770	6770
460/85R30	W16L 14,15	475 18.7	1530 60.2	684 26.9	4529 178.3	145A8	1.6	2900	2900
						145B	23	6395	6395
320/85R32	W11	325 12.8	1357 53.4	625 24.6	4010 157.9	126A8	1.6	1700	1700
						126B	23	3750	3750
						133A8* 133B			
680/85R32*						173	-----UNDER DEVELOPMENT-----		
320/85R34	W11	325 12.8	1407 55.4	650 25.6	4210 165.7	133A8/B	2.4	2060	2060
							35	4540	4540
380/85R34	W12	380 15	1510 59.4	680 26.8	4455 175.4	137A8	1.6	2300	2300
						137B	23	5070	5070
420/85R34	W15L 13,14	420 16.5	1575 62	715 28.1	4590 180.7	142A8	1.6	2650	2650
						142B	23	5840	5840
460/85R34	W16L 14,15	479 18.9	1637 64.4	733 28.9	4845 190.7	147A8	1.6	3075	3075
						147B	23	6780	6780
						157A8	3	4125	4125
						157B	44	9090	9090
320/85R36	W11 W9 W10	325 12.8	1458 57.4	675 26.6	4369 172	128A8	1.6	1800	1800
						128B	23	3970	3970
340/85R36	W12	345 13.6	1495 58.9	689 27.1	4507 177.4	132A8	1.6	2000	2000
						132B	23	4410	4410
320/85R38	W11 W9 W10 Alt.	325 12.8	1509 59.4	701 27.6	4532 178.4	143A8	3.6	2725	2725
						143B	52	6000	6000
340/85R38	W12	345 13.6	1543 60.7	714 28.1	4675 184.1	133A8	1.6	2060	2060
						133B	23	4540	4540
						151A8	4.5	3450	3450
						151B	64	7610	7610
380/80R38	W12	375 14.8	1578 62.1	728 28.7	4721 185.9	142A8	2.4	2650	2650
						142B	35	5840	5840
						152A8	4	3550	3550
						152B	58	7830	7830
400/75R38 (15.5R38)*						152 A8* (Des.846) 134A8 131B	-----UNDER DEVELOPMENT-----		
420/85R38	W15L 13,14	415 16.3	1680 66.1	769 30.3	4973 195.8	144A8	1.6	2800	2800
						144B	23	6170	6170

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended Load	
		SW	OD					Speed	
								Mixed application	
								mm in	mm in
460/85R38	W16L 14,15	455 17.9	1740 68.5	783 30.8	5150 202.8	149A8	1.6	3250	3250
						149B	23	7165	7165
						153A8	2.4	3650	3650
						153B	35	8050	8050
						167A8	4.5	5450	5450
						167B	64	12240	12240
520/85R38	DW16L DW18L	525 20.7	1850 72.8	830 32.7	5476 215.5	155A8	1.6	3875	3875
						155B	23	8545	8545
320/80R42 (Des.842)	W10	319 12.6	1580 62.2	739 29.1	4676 184.1	141A8	3.2	2575	2575
						141B	46	5670	5670
320/90R42 (Des.842)	W10	319 12.6	1643 64.7	764 30.1	4940 194.5	147A8	3.6	3075	3075
						147B	52	6770	6770
480/80R42	DW16L DD16L	479 18.9	1835 72.2	841 33.1	5413 213.1	151A8	1.6	3450	3450
						151B	23	7600	7600
						169A8	4.5	5800	5800
						169B	64	12780	12780
520/85R42	DW16L DD18L	516 20.3	1951 76.8	888 35	5775.5 227.4	157A8	1.6	4125	4125
						157B	23	9090	9090
						169A8	3.4	5800	5800
						169B	50	12785	12785
320/90R46 (Des.842)	W10	319 12.6	1744 68.7	815 32.1	5258 207	148A8	3.6	3150	3150
						148B	52	6940	6940
380/90R46 (Des.842)	W12	380 15	1863 73.3	860 33.9	5495 216.3	165A8	4.9	5150	5150
						165B	70	11355	11355
480/80R46 (18.4R46)	DW16L	479 18.9	1960 77.2	880 34.6	5840 229.9	158A8	2.4	4250	4250
						158B	35	9350	9350
						176A8	-----UNDER DEVELOPMENT-----		
						176B*			
520/85R46	DW16L	516 20.3	2052 80.8	937 36.9	6053 238.3	158A8	1.6	4250	4250
						158B	23	9360	9360

387 R-1

The Alliance 387 Farm Radial is a tire specially developed so as to not damage soil, grass and plants during operation. This Pattern is suitable for grassland and other sensitive terrain application on utility tractors and small implements used in golf courses, parks and vineyards. The higher void to rubber ratio provides larger effective footprint area and lower soil/grass compaction. The design has better lug continuity, which enables higher comfort on grass surfaces and transport applications. The good overlap of lugs at center increases the effective footprint area and thus decreases ground pressure.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		Mixed application														
		SW mm in	OD mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44
14.9LR20 (375/75R20)	W13	378	1075	481	3156	119A8	1.6	3130	2040	1510	1460	1360	1250	—	—	—
		14.9	42.3	18.9	124.3		23	6890	4490	3330	3220	3000	2750	—	—	—
16.9R30	W15	429	1475	667	4357	137A8	1.6	5290	3450	2550	2460	2300	2110	—	—	—
		16.9	58.1	26.3	171.5		23	11650	7600	5620	5420	5070	4650	—	—	—

550 MULTIUSE

R-4

SB

SC

STEEL BELTED

SPECIAL COMPOUND



UTILITY TRACTOR



2WD TRACTOR



MFWD



4WD TRACTOR



SPRAYER



EXCAVATOR



BACKHOE

550 MULTIUSE pattern is used in agricultural applications because of its versatile tread design. Specific block tread design enables high performances on snow-covered terrains, as well as on sandy terrains. Basic directional lug design, divided by separated blocks, provides a good grip on soft surfaces. In addition, high number of blocks and rubber to void tread ratio, enables long tread wear life and low rolling resistances during transport operation on hard surfaces.

Uniform ground pressure distribution and tread wear are provided by steel belted carcass structure. In addition, steel belts provide the most efficient puncture protection.



Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	Load Index Speed Symbol	Infl. press. Bar psi	Recommend load, kg (lbs)									
		SW mm in	OD mm in					Speed, km/h (mph)								Cyclic Applications 10 6 15 9	
								Constant load									
250/80R16	W8	270	814	373	2470	123D	4.4	3910	2130	1850	1790	1700	1620	1550	2890	2640	
	W7	10.6	32	14.7	97.2	126A8	64	8610	4690	4070	3940	3740	3570	3410	6370	5810	
	W9																
340/80R18 (12.5/80R18)	11																
	W10	343	1002	450	2968	138D	4	6270	3410	2970	2870	2725	2600	2360	4630	4220	
	W11	13.5	39.4	17.7	116.9	143A8	58	13810	7510	6540	6320	6000	5730	5200	10200	9300	
365/70R18	12																
	W11																
	W12																
365/70R18	12SDC	355	969	446	2872	135B	3.75	5010	—	2354	2311	2245	2180	—	3050	2510	
	11SDC	14	38.1	17.6	113.1	142A2	54	11040	—	5190	5090	4940	4800	—	6720	5530	
	12SDC																
405/70R18	W13																
	W12	404	1021	468	3059	141B	3.75	5920	—	2781	2730	2652	2575	—	3610	2960	
	12SDC	15.9	40.2	18.4	120.4	153A2	54	13040	—	6130	6010	5840	5670	—	7950	6520	
405/70R18	13SDC																
	W14L																
	W12																
340/80R20	11																
	W10	343	1052	480	3159	140D	4	6440	3500	3050	2950	2800	2670	2500	4760	4340	
	W11	13.5	41.4	18.9	124.4	144A8	58	14190	7710	6720	6500	6170	5880	5510	10480	9560	
400/70R20IND	12																
	W12																
	12SDC	404	1068	482	3197	149A8	4	7220	4510	3470	3410	3340	3280	3250	3250	3250	
400/70R20IND	13SDC																
	W14L	15.9	42	19	125.9	149B	58	15920	9940	7650	7520	7360	7230	7170	7170	7170	
	W12																
360/70R20	W11																
	W10	355	1051	472.5	3121	124D	2.4	4260	2310	2020	1950	1850	1770	1600	3150	2870	
	W12	14	41.4	18.6	122.9	129A8	35	9380	5090	4450	4300	4070	3900	3520	6940	6320	
360/80R20	DW11																
	DW12	358	1092	491	3265	143D	4	7070	3840	3350	3240	3075	2940	2725	5230	4770	
	W11	14.1	43	19.3	128.5	147A8	58	15570	8460	7380	7140	6770	6480	6000	11520	10510	
405/70R20 (16.0/70R20)	W12																
	W13, W12, 12SDC, 13SDC, W14L	404	1076	486	3205	149A8	4	7220	4510	3410	3340	3250	3250				
	15.9	42.4	19.1	126.2	149B	58	15920	9940	7520	7360	7170	7170					
300/80R24	DW10																
	W9	295	1092	502	3262	128D	3.2	4740	2580	2250	2170	2060	1970	1800	3500	3190	
	W11	11.6	43	19.8	128.4	133A8	46	10440	5680	4960	4780	4540	4340	3960	7710	7030	
340/80R24 (12.5R24)	DW11																
	DW10																
	DW12	343	1154	528	3439	135D	3.2	5750	3130	2730	2640	2500	2390	2180	4250	3880	
360/80R24 (13.6R 24)	W10	13.5	45.4	20.8	135.4	140A8	46	12670	6890	6010	5810	5510	5260	4800	9360	8550	
	W11																
	W12																
400/80R24 (14.9R 24)	DW12																
	DW13																
	DW11	357	1184	537	3545	138D	3.2	6270	3410	2970	2870	2725	2600	2360	4630	4220	
420/65R24	W11	14.1	46.6	21.1	139.6	143A8	46	13810	7510	6540	6320	6000	5730	5200	10200	9300	
	W12																
	W13																
440/80R24 (16.9R24)	DW13																
	DW14L																
	DW15L	441	1314	593	3904	149D	3.2	8630	4690	4090	3960	3750	3580	3250	6380	5810	
460/65R24	W15L	17.4	51.7	23.3	153.7	154A8	46	19010	10330	9010	8720	8260	7890	7160	14050	12800	
	DW16L																
	W16L																
460/65R24	DW15L	454	1209	547	3597	151D	3.2	9200	5000	4360	4220	4000	3820	3450	6800	6200	
	DW16L	17.9	47.6	21.5	141.6	156A8	46	20260	11010	9600	9300	8810	8410	7600	14980	13660	
	W16L																

Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	Load Index Speed Symbol	Infl. press. Bar psi	Recommend load, kg (lbs)								
		SW mm in	OD mm in					Speed, km/h (mph)							Cyclic Applications 10 615 9	
								Constant load								
460/70R24 (17.5LR24)	DW15L															
	DW14L															
	DW16L	460	1250	568	3752	159A8	4	10060	5470	4860	4680	4375	4375	-	6560	5860
	14	18.1	49.2	22.4	147.7	159B	58	22180	12060	10710	10320	9650	9650	-	14460	12920
480/65R24	16															
	TW14L															
	DW15L	480	1240	562	3726	146D	3.2	7940	4310	3760	3640	3450	3290	3000	5870	5350
	DW14L	18.9	48.8	22.1	146.7	151A8	46	17490	9490	8280	8020	7600	7250	6610	12930	11780
540/65R24	DW16L															
	DW18L															
	DW15L	541	1312	592	3953	154D	3.2	9780	5310	4630	4480	4250	4060	3750	7230	6590
	DW16L	21.3	51.7	23.3	155.6	158A8	46	21540	11700	10200	9870	9360	8940	8260	15930	14520
400/80R28 (14.9R 28)	DW13L															
	W12	404	1352	613	4057	146D	3.2	7940	4310	3760	3640	3450	3290	3000	5870	5350
	W14L	15.9	53.2	24.1	159.7	151A8	46	17490	9490	8280	8020	7600	7250	6610	12930	11780
	DW14L															
440/80R28 (16.9R 28)	DW15L	440	1418	639	4240	151D	3.2	9200	5000	4360	4220	4000	3820	3450	6800	6200
	DW16L	17.3	55.8	25.2	166.9	156A8	46	20260	11010	9600	9300	8810	8410	7600	14980	13660
	DW15L															
	DW16L															
480/65R28	DW15L	475	1339	607	4020	149D	3.2	8630	4690	4090	3960	3750	3580	3250	6380	5810
	DW14L	18.7	52.7	23.9	158.3	154A8	46	19010	10330	9010	8720	8260	7890	7160	14050	12800
	DW16L															
	DW18L															
540/65R28	DW18L	550	1412	649	4266	155D	3.2	10350	5630	4910	4750	4500	4300	3875	7650	6980
	DW16L	21.7	55.6	25.6	168	160A8	46	22800	12400	10810	10460	9910	9470	8540	16850	15370
	DW14L															
	DW15L	434	1468	666	4436	153D	3.2	9490	5160	4500	4350	4125	3940	3650	7010	6390
440/80R30 (16.9R 30)	DW16L	17.1	57.8	26.2	174.6	157A8	46	20900	11370	9910	9580	9090	8680	8040	15440	14070
	DW15L															
	DW16L	470	1531	695	4615	157D	3.2	10930	5940	5180	5010	4750	4540	4125	8080	7360
	DW18L	18.5	60.3	27.4	181.7	162A8	46	24070	13080	11410	11040	10460	10000	9090	17800	16210
540/65R30	DW18L	550	1464	678	4481	156D	3.2	10640	5780	5040	4880	4625	4420	4000	7860	7170
	DW16L	21.7	57.6	26.7	176.4	161A8	46	23440	12730	11100	10750	10190	9740	8810	17310	15790
	DW20															
	DW18L	611	1602	727	4792	158D	2.4	10640	5780	5040	4880	4625	4420	4250	7860	7170
600/70R30	DW18L	24.1	63.1	28.6	188.7	161A8	35	23440	12730	11100	10750	10190	9740	9360	17310	15790
	DW14L															
	DW15L	441	1568	718	4715	155D	3.2	10060	5470	4770	4620	4375	4180	3875	7440	6780
	DW16L	17.4	61.7	28.3	185.6	159A8	46	22160	12050	10510	10180	9640	9210	8540	16390	14930
480/80R34 (18.4R 34)	DW16L															
	DW15L															
	DW13	479	1629	739	4891	159D	3.2	11500	6250	5450	5280	5000	4780	4375	8500	7750
	DW13L	18.9	64.1	29.1	192.6	164A8	46	25330	13770	12000	11630	11010	10530	9640	18720	17070
480/80R38 (18.4R 38)	DW14L															
	DW16L															
	DW15L	479	1728	786	5250	161D	3.2	12190	6630	5780	5590	5300	5060	4625	9010	8220
	DW16A	18.9	68	30.9	206.7	166A8	46	26850	14600	12730	12310	11670	11150	10190	19850	18110
540/80R38 (20.8R 38)	DW18L	546	1824	832	5536	167D	3.2	14490	7880	6870	6650	6300	6020	5450	10710	9770
	DW16L	21.5	71.8	32.8	217.9	172A8	46	31920	17360	15130	14650	13880	13260	12000	23590	21520
	DW18L	593	1749	793	5270	166D	3.2	13800	7500	6540	6330	6000	5730	5300	10200	9300
	DW20B	23.3	68.9	31.2	207.5	170A8	46	30400	16520	14410	13940	13220	12620	11670	22470	20480
650/65R38	DW20B															
	DW18L	645	1814	818	5445	170D	3.2	15870	8630	7520	7280	6900	6590	6000	11730	10700
	DW23B	25.4	71.4	32.2	214.4	175A8	46	34960	19010	16560	16040	15200	14520	13220	25840	23570
	DW23B															
650/85R38	DW23B															
	DW21B	673	2067	913	6230	177D	2.4	18980	10310	8990	8700	8250	7880	7300	14030	12790
	DW20A	26.5	81.4	35.9	245.3	181A8	35	41810	22710	19800	19160	18170	17360	16080	30900	28170
	DW20B															
620/80R42	DW20B	644	2055	948	6201	177D	3.2	18980	10310	8990	8700	8250	7880	7300	14030	12790
	DW20A	25.4	80.9	37.3	244.1	181A8	46	41810	22710	19800	19160	18170	17360	16080	30900	28170
	DW18L	638	1915	858	5784	171D	3.2	16330	8880	7740	7490	7100	6780	6150	12070	11010
	DW18L	25.1	75.4	33.8	227.7	176A8	46	35970	19560	17050	16500	15640	14930	13550	26590	24250
710/70R42	DW23B	716	2053	939	6187	177D	2.8	18980	10310	8990	8700	8250	7880	7300	14030	12790
	DW23B	28.2	80.8	37	243.6	181A8	41	41810	22710	19800	19160	18170	17360	16080	30900	28170

551

R-4



Alliance 551 is designed for excellent performance on ice and snow. The special design of the block and sipes ensures that it works equally well on dry / hard surfaces also. The high roadability, handling and comfort properties contribute to lower noise level and provide better environment to the driver. Smooth and comfortable riding is provided by the well-proven construction and new upgraded compound.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
								Mixed application								
		SW mm in	OD mm in				Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44
360/80R24*						138D										UNDER DEVELOPMENT
400/80R24*						144D										UNDER DEVELOPMENT
420/65R24*						146D										UNDER DEVELOPMENT
440/80R24 (16.9R24)*						154A8 149D										UNDER DEVELOPMENT
400/80R28*						146D										UNDER DEVELOPMENT
440/80R28*						151D										UNDER DEVELOPMENT
540/65R30*						156D										UNDER DEVELOPMENT
440/80R34*						155D										UNDER DEVELOPMENT
480/80R34*						159D										UNDER DEVELOPMENT
480/80R38* (18.4R38)						161D										UNDER DEVELOPMENT
540/80R38*						167D										UNDER DEVELOPMENT
650/65R42*						171D										UNDER DEVELOPMENT

AGRI-STAR 374

R-2

SG

STUBBLE
GUARD

Agri-star 374 is a R-2 deep lug radial tire, designed to deliver very high traction in wet & moist conditions. The stepped lug design helps in increasing the grip and reducing tractor slip. Superior tread compound ensures resistance to cut growth.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)				
								Speed, km/h (mph)				
								Mixed application				
		SW mm in	OD mm in				Bar psi	Static	10 6	25 16	30 19	40 25
420/90R30	W15L	429	1529	685.5	4275	142A8	1.6	7660	3550	2940	2840	2650
		16.9	60.2	27.0	168.3		23	16870	7820	6480	6260	5840
480/70R34	W15	479	1606	740	4681	155A8	3.2	11200	5190	4300	4150	3875
		18.9	63.2	29.1	184.3		46	24670	11430	9470	9140	8540
520/85R42	W16L	516	1985	913.8	5800	165A8	2.8	14880	6900	5720	5510	5150
		20.3	78.1	36.0	228.3		41	32780	15200	12600	12140	11340
480/80R46	DW16L	1982	479	910	5761	158A8	2.4	12280	5700	4720	4550	4250
		78.0	18.9	35.8	226.8		35	27050	12560	10400	10020	9360
520/85R46	W15	479	2050	946	5961	158A8	1.6	12280	5700	4720	4550	4250
		18.9	80.7	37.2	234.7		23	27050	12560	10400	10020	9360
480/80R50	DW15L	479	2064	961	6088	159A8	2.4	12640	5860	4860	4680	4375
	DW16L	18.9	81.3	37.8	239.7		35	27840	12910	10700	10310	9640

BIAS TRACTOR

TracPRO 348 R-1



TracPRO 348 has a modern curved design developed mainly for the heavy duty agricultural segment. The multi angled lug design enables smooth riding on the road and displays excellent traction during field operations. The special stepped surfaces between lugs enable the tire to have excellent self cleaning characteristics. The special tread compound provides protection against cuts and cracks.



Sizes	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
				Mixed application								
		mm in	Mm In	mm in	mm in	Static	10 6	20 12	30 19	40 25		
8-18*						4		-----UNDER DEVELOPMENT-----				
9.5-24*						12		-----UNDER DEVELOPMENT-----				
11.2-24*						8		-----UNDER DEVELOPMENT-----				
12.4-24*						12		-----UNDER DEVELOPMENT-----				
11.2-28*						8		-----UNDER DEVELOPMENT-----				
12.4-28	W11	315 12.4	1260 49.6	593 23.3	3776 148.6	12 125A6	2.5 36	3800 8370	2310 5090	1980 4360	1650 3630	1490 3280
13.6-28	W12	347 13.7	1320 52	620 24.4	3885 152.9	12 128A6	2.3 33	4140 9120	2520 5550	2160 4760	1800 3960	1620 3570
14.9-28	W13	378 14.9	1365 53.7	620 24.4	4036 158.8	12 134A6	2.3 33	4880 10750	2970 6540	2540 5590	2120 4670	1910 4210
16.9-28	W15L	429 16.9	1435 56.5	645 25.4	4225 166.3	12 143A6	2.4 35	6270 13810	3820 8410	3270 7200	2725 6000	2450 5400
16.9-30	W15L	429 16.9	1485 58.5	667 26.3	4370 172	12 144A6	2.4 35	6440 14190	3920 8630	3360 7400	2800 6170	2520 5550
18.4-30	W16L	467 18.4	1550 61	725 28.5	4650 183.1	12 149A6	2.3 33	7480 16480	4550 10020	3900 8590	3250 7160	2930 6450
						14 151A6	2.6 38	7940 17490	4830 10640	4140 9120	3450 7600	3110 6850

324 R-1



Alliance 324 drive wheel is a heavy duty tractor tire for all types of heavy services. The 45 degree self-cleaning deep lugs are especially designed to provide high traction and long life under hard working conditions, including on-the-road service. A strong nylon carcass ensures full power transmission, as well as good resistance to mechanical failures and moisture deterioration.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Not high and sustained torque; Road transport			Field operation						
											Low Torque	High Torque					
		SW	OD									Bar psi	Static	10 6	20 12	30 19	40 25
9.5-20	W8	241	940	442	2845	6PR	2.1	1900	1240	1010	880	825	750	1160	990	880	
	W7	9.5	37	17.4	112	101A8	30	4190	2730	2230	1940	1820	1650	2560	2180	1940	
9.5-22	W8 W7	241 9.5	996 39.2	468 18.4	3013 118.6	6	2.2	2070	1350	1110	960	900	820	1260	1080	960	
						101A8	32	4560	2970	2440	2110	1980	1810	2780	2380	2110	
						8	2.7	2190	1430	1170	1020	950	—	1330	1140	—	
						106A8	39	4820	3150	2580	2250	2090	—	2930	2510	—	
11.2-24	W10	284	1105	512	3314	6	1.8	2440	1590	1300	1130	1060	960	1480	1270	1130	
	W10H W9	11.2	43.5	20.2	130.5	110A8	26	5370	3500	2860	2490	2330	2110	3260	2800	2490	
12.4-24	W11 W10 W10H	315 12.4	1160 45.7	533 21	3461 136.3	8	2.4	2880	1880	1540	1340	1250	1140	1750	1500	1340	
						116A8	35	6350	4150	3400	2950	2760	2510	3860	3310	2950	
						6	1.7	2790	1820	1490	1300	1215	1110	1700	1460	1300	
						115A8	25	6150	4010	3280	2860	2680	2440	3740	3220	2860	
						8	2.3	3340	2180	1780	1550	1450	1320	2030	1740	1550	
						121A8	33	7360	4810	3920	3420	3200	2910	4480	3840	3420	
						10	2.9	3820	2490	2040	1780	1660	1510	2320	1990	1780	
						125A8	42	8410	5480	4490	3920	3660	3330	5110	4380	3920	
						12	3.5	4255	2775	2275	1980	1850	1685	—	—	—	
						129A8	51	9380	6118	5015	4365	4078	3715	—	—	—	
13.6-24	W12	345	1210	549	3584	8	2	3550	2320	1710	1650	1545	1390	—	—	—	
		13.6	47.6	21.6	141.1	123A8	29	7830	5120	3770	3640	3410	3060	—	—	—	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Not high and sustained torque; Road transport	Field operation								
							Low Torque		High Torque								
mm in	mm in	mm in	mm in	Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6					
14.9-24	W13 W12 W9	378	1265	574	3745	6	1.4	3570	2330	1910	1660	1550	1410	2170	1860	1660	
		14.9	49.8	22.6	147.4	123A8	20	7860	5130	4210	3660	3410	3110	4780	4100	3660	
						8	1.8	4140	2700	2210	1930	1800	1640	2520	2160	1930	
						128A8	26	9130	5950	4870	4260	3970	3620	5560	4760	4260	
						6	2.4	1840	1200	980	860	800	730	1120	960	860	
8.3-24	W7 W6				3020	100A8	35	4050	2640	2160	1890	1760	1610	2470	2110	1890	
		211	995	470	3020	8	3.1	2130	1390	1140	990	925	840	1295	1110	990	
		8.3	39.2	18.5	118.9	105A8	45	4700	3060	2510	2180	2040	1850	2860	2450	2180	
						10	3.8	2415	1575	1290	1125	1050	955	1470	1260	1120	
						111A8	55	5325	3470	2845	2480	2315	2105	3240	2780	2470	
9.5-24	W8 W8H W7				3175	6	2.1	2190	1430	1170	1020	950	860	1330	1140	1020	
		241	1050	493	3175	106A8	30	4820	3150	2580	2250	2090	1890	2930	2510	2250	
		9.5	41.3	19.4	125	8	2.8	2580	1680	1380	1200	1120	1020	1570	1340	1200	
						112A8	41	5690	3700	3040	2650	2470	2250	3460	2950	2650	
						10	3.5	2960	1930	1580	1370	1285	1170	1800	1540	1370	
18.4-26	W16L DW16 W15L				4244	117A8	51	6520	4250	3480	3020	2830	2580	3960	3390	3020	
		467	1450	646	4244	6	1.1	4600	3000	2460	2140	2000	1820	2800	2400	2140	
		18.4	57.1	25.4	167.1	132A8	16	10130	6610	5420	4710	4410	4010	6170	5290	4710	
						12	2.3	6900	4500	3690	3210	3000	2730	4200	3600	3210	
11.2-28	W10 W10H W9				3621	146A8	33	15200	9910	8130	7070	6610	6010	9250	7930	7070	
		284	1205	560	3621	8	2.4	3040	1980	1620	1410	1320	1200	1850	1580	1410	
		11.2	47.4	22	142.6	118A8	35	6700	4370	3570	3110	2910	2650	4080	3480	3110	
12.4-28	W11L W10H				3776	8	2.3	3570	2330	1910	1660	1550	1410	2170	1860	1660	
		315	1260	583	3776	123A8	33	7870	5140	4210	3660	3420	3110	4780	4100	3660	
		12.4	49.6	23	148.7	12	2.5	3795	2475	2030	1765	1650	1500	—	—	—	
						125A8	36	8365	5455	4475	3890	3635	3305	—	—	—	
13.6-28	W12 W11				3885	8	2	3800	2480	2030	1770	1650	1500	2310	1980	1770	
		345	1310	596	3885	125A8	29	8380	5470	4480	3900	3640	3310	5090	4370	3900	
		13.6	51.6	23.5	153	12	3	4880	3180	2350	2270	2120	1910	2970	2540	2270	
						134A8	44	10750	7000	5180	5000	4670	4210	6540	5590	5000	
14.9-28	W13 W10H				4036	6	1.8	4370	2850	2340	2030	1900	1730	2660	2280	2030	
		378	1365	618	4036	125A8	26	9630	6280	5150	4470	4190	3810	5860	5020	4470	
		14.9	53.7	24.3	158.9	12	2.6	5430	3540	2620	2530	2360	2120	3300	2830	2530	
						138A8	38	11960	7800	5770	5570	5200	4670	7270	6230	5570	
16.9-28	W15L W14L				4223	6	1.3	4260	2780	2280	1980	1850	1680	2590	2220	1980	
		429	1435	645	4223	129A8	19	9380	6120	5020	4360	4070	3700	5700	4890	4360	
		16.9	56.5	25.4	166.3	10	2	5590	3650	2990	2600	2430	2210	3400	2920	2600	
						139A8	29	12310	8040	6590	5730	5350	4870	7490	6430	5730	
						12	2.4	6270	4090	3350	2920	2725	2480	3820	3270	2920	
8.3-28	W7 W6				3338	143A8	35	13810	9010	7380	6430	6000	5460	8410	7200	6430	
		211	1095	521	3338	6	2.4	2010	1310	1080	940	875	800	1230	1050	940	
		8.3	43.1	20.5	131.4	103A8	35	4430	2890	2380	2070	1930	1760	2710	2310	2070	
						8	3.2	2380	1550	1270	1110	1035	940	1450	1240	1110	
14.9-30	W13 W12				4261	109A8	46	5240	3410	2800	2440	2280	2070	3190	2730	2440	
		378	1415	660	4261	6	1.4	3910	2550	2090	1820	1700	1550	2380	2040	1820	
		14.9	55.7	26	167.8	126A8	20	8610	5620	4600	4010	3740	3410	5240	4490	4010	
						8	1.8	4600	3000	2460	2140	2000	1820	2800	2400	2140	
16.9-30	W15L W14L DW14				4369	132A8	26	10130	6610	5420	4710	4410	4010	6170	5290	4710	
		429	1485	667	4369	12	2.5	6580	4290	3520	3060	2860	2600	4000	3430	3060	
		16.9	58.5	26.3	172	144A8	36	14490	9450	7750	6740	6300	5730	8810	7560	6740	
						14	2.9	7250	4730	3870	3370	3150	2870	4410	3780	3370	
18.4-30	W16L DW16 DW15L				4546	148A8	42	15970	10420	8520	7420	6940	6320	9710	8330	7420	
		467	1550	693	4546	12	2.3	7480	4880	4000	3480	3250	2960	4550	3900	3480	
		18.4	61	27.3	179	149A8	33	16480	10750	8810	7670	7160	6520	10020	8590	7670	
						14	2.7	8170	5330	4370	3800	3550	3230	4970	4260	3800	
						152A8	39	18000	11740	9630	8370	7820	7110	10950	9380	8370	
12.4-32	W11L W10 W10H				4090	16	3.1	8900	5810	4760	4140	3870	3520	5420	4640	4140	
		315	1360	633	4090	155A8	45	19600	12800	10480	9120	8520	7750	11940	10220	9120	
		12.4	53.5	24.9	161	6	1.6	3130	2040	1670	1460	1360	1240	1900	1630	1460	
						119A8	23	6890	4490	3680	3220	3000	2730	4190	3590	3220	
9.5-32	W8 W7				3416	8	2.2	3800	2480	2030	1770	1650	1500	2310	1980	1770	
		241	1251	500	3416	125A8	32	8370	5460	4470	3900	3630	3300	5090	4360	3900	
		9.5	49.3	19.7	134.5	6	2.1	2190	1430	1170	1020	950	860	1330	1140	1020	
				106A8	30	4820	3150	2580	2250	2090	1890	2930	2510	2250			

FarmPRO TD23 R-1



The 23 degree tread offers maximum traction while distinct terracing in the space between the lugs is designed to enhance self-cleaning and provide constant traction in soft soil and mud. The neutral casing mould design minimizes stresses from the under inflated to the inflated tire, resulting in enhanced long-term reliability.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar /(psi)	Recommended Load Capacity				
		SW	OD					Max Load Capacity - kgs /(lbs)				
		mm / in	mm / in					Static	15kmph	25kmph	30kmph	40kmph
23.1-30	DW20B	587	1707	766	5030	12	1.7	6900	4590	4210	3830	3450
		23.1	67.2	30.2	198	151A8	25	15210	10120	9280	8440	7610
24.5-32	DW21	622	1803	809	5468	12	1.7	8000	5320	4880	4440	4000
		24.5	71	31.9	215.3	156A8	25	17640	11730	10760	9790	8820
20.8-38	W15L	528	1834	824	5373	10	1.5	6300	4190	3840	3500	3150
						148A8	22	13890	9240	8470	7720	6950
		20.8	72.2	32.4	211.5	14	1.5	5600	3720	3420	3110	2800
						155A8	22	12350	8200	7540	6860	6170
16.9-38	W15L	429	1689	780	5008	12	2.27	4480	2980	2730	2490	2240
		16.9	66.5	30.7	197.2	142A8	33	9880	6570	6020	5490	4940

357 R-1



A tractor tire with extra strong lugs for heavy-duty services, that is engineered for high power transmission under the most tough working conditions. Double angle design enables efficient self-cleaning. A 45 degree lug angle around the centerline provides continuous rolling and lower rolling resistance on the roads, as well as lower side slippage during off-the-road and hillside operations. A strong nylon carcass guards against mechanical failures and moisture deterioration.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		SW	OD					Not high and sustained torque; Road transport						Field operation			
														Low Torque	High Torque		
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6	
12.4-24	W11 W10 W10H	315 12.4	1160 45.7	533 21	3461 136.3	8	2.3	3340	2180	1780	1550	1450	1320	2030	1740	1550	
						121A8	33	7360	4810	3920	3420	3200	2910	4480	3840	3420	
						12	3.5	4260	2780	2280	1980	1850	1680	2590	2220	1980	
						129A8	51	9380	6120	5020	4360	4070	3700	5700	4890	4360	
13.6-28	W12 W11	345 13.6	1310 51.6	596 23.5	3884 152.9	6	1.6	3340	2180	1780	1550	1450	1320	2030	1740	1550	
						121A8	23	7360	4800	3920	3410	3190	2910	4470	3830	3410	
12.4-36	W11L W10 W10H	315 12.4	1465 57.7	682 26.9	4407 173.5	10	2.8	4490	2930	2400	2090	1950	1770	2730	2340	2090	
						131A8	41	9890	6450	5290	4600	4300	3900	6010	5150	4600	
13.6-38	W12 W11	345 13.6	1565 61.6	729 28.7	4709 185.4	8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090	
						131A8	29	9890	6450	5290	4600	4300	3900	6010	5150	4600	
14.00-38	W12 W11	345 13.6	1565 61.6	729 28.7	4709 185.4	8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090	
						131A8	29	9890	6450	5290	4600	4300	3900	6010	5150	4600	
18.4-38	W16L	467 18.4	1750 68.9	795 31.3	5185 204.1	6	1.4	6270	4090	3350	2920	2725	2480	3820	3270	2920	
						139A8	20	13810	9010	7380	6430	6000	5460	8410	7200	6430	
						8	1.4	6270	4090	3350	2920	2725	2480	3820	3270	2920	
						143A8	20	13820	9020	7390	6440	6010	5470	8420	7210	6440	
						12	2.1	8400	5480	4490	3910	3650	3320	5110	4380	3910	
						153A8	30	18520	12080	9900	8620	8050	7320	11270	9660	8620	

358

R-1



358 is a tractor drive wheel tire characterized by extra strong lugs for heavy-duty services on medium HP agriculture tractors and implements. Its tread pattern includes special reinforced durable lugs in the lug base area that prevents fatigue cracks. In addition, triple angled lugs enable smooth ride in fields and on road. A strong nylon diagonal carcass guards against mechanical failures and moisture deterioration.



358 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
									Speed, km/h (mph)							
		SW	OD						Free rolling				Drive Wheel			
		mm in	mm in	mm in	mm in		Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
16.5/85-24	W13 W14L W15	417 16.4	1344 52.9	584 23	3873 152.5	12	162A6									
							158A8	2.8	6130	5420	4750	4280	4320	3820	3350	3020
							150A6	41	13500	11940	10460	9430	9520	8410	7380	6650
							146A8									
							165A6									
						14	161A8	3.3	6640	5870	5150	4640	4710	4160	3650	3290
							153A6	48	14630	12930	11340	10220	10370	9160	8040	7250
							149A8									

358 DRIVE WHEEL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Drive Wheel				Free rolling				
		mm in	mm in	mm in	mm in		bar psi	10 6	25 16	40 25	50 31	Static	10 6	25 16	40 25	50 31
16.9-24	W16L	429	1335	601	3933	8	1.7	1870	2880	2470	2200	4740	3090	2510	2200	2060
	W14L	16.9	52.6	23.7	154.8	133A8	25	4120	6350	5450	4850	10450	6810	5530	4850	4540
	DW14															
14.9-28	W13	378	1365	618	4036	6	1.4	1500	2310	1980	1770	3800	2480	2030	1770	1650
	W12	14.9	53.7	24.3	158.9	125A8	20	3310	5090	4370	3900	8380	5470	4480	3900	3640
						6	1.4	1590	2450	2100	1870	4030	2630	2150	1870	1750
15.5-38	W14L DW14	394 15.5	1570 61.8	724 28.5	4695 184.8	127A8	20	3510	5400	4630	4120	8890	5800	4740	4120	3860
						8	1.8	1870	2880	2470	2200	4740	3090	2530	2200	2060
						133A8	26	4120	6350	5450	4850	10450	6810	5580	4850	4540
						10	2.3	2150	3300	2830	2530	5430	3540	2900	2530	2360
						138A8	33	4740	7280	6240	5580	11970	7800	6390	5580	5200

FarmPRO 324

R-1



FarmPRO 324 has a modern curved 45 degree design for both on and off road applications. It provides superior traction during field operations. Its rubber compound provides high resistance to cut growth. The wide nose bar helps in delivering extra life on hard surfaces. Complete R-1 range offering is available in the FarmPRO 324.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm / in	mm / in					mm / in	mm / in	bar psi	Static	10 6	20 12
5.00-12*						4		-----UNDER DEVELOPMENT-----					
						6	3.3	1150	750	680	500	400	
						84A6	48	2540	1650	1500	1100	880	
5.00-15*	4.00E	140	655	303	1963	6	3.5	1290	840	760	560	450	-
						(88A6)	51	2840	1850	1670	1230	990	
6.00-12*	4.00E	165	635	285	1867	4		-----UNDER DEVELOPMENT-----					
						8	2.5	1040	680	610	450	360	-
							30	2290	1500	1340	990	790	
6-14*						4		-----UNDER DEVELOPMENT-----					
7-14*						4		-----UNDER DEVELOPMENT-----					
5.00-15*						6		-----UNDER DEVELOPMENT-----					

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm / in	mm / in					Static	10 6	20 12	30 19	40 25	50 31
6.00-16	4.5EX16	165	735	349	2172	8	4.5	1540	1010	900	670	540	-
		6.5	28.9	13.7	85.5	94A6	65	3400	2230	1980	1480	1190	-
6.50-16*						8		-----UNDER DEVELOPMENT-----					
7-16*						4		-----UNDER DEVELOPMENT-----					
8-16*						6		-----UNDER DEVELOPMENT-----					
7.50-18	5.50F	205	860	400	2624	8	3.7	2190	1430	1280	950	760	-
		8.1	33.9	15.7	103.3	106A6	54	4830	3150	2820	2090	1680	-
8.00-18*						6		-----UNDER DEVELOPMENT-----					
4.50-19	3.00D	120	736		2191	6	4.5	1120	730	660	487	390	-
		4.7	29	0	86.3	83A6	65	2470	1610	1460	1070	860	-
8.00-20	5.5F	220	965	438	2899	8	2.8	2510	1640	1470	1090	870	-
		8.7	38	17.2	114.1	111A6	41	5530	3620	3240	2400	1920	-
8.3-20*						6		-----UNDER DEVELOPMENT-----					
9.5-20	W8					6	2.1	1900	1240	1010	880	825	750
		241	940	442	2845	101A8	30	4190	2730	2220	1940	1820	1650
		9.5	37	17.4	112	8	2.8	2240	1460	1200	1040	975	-
						107A8	41	4930	3220	2640	2290	2150	-
8.3-24	W7	211	995	470	3020	8	3.1	2130	1390	1140	990	925	840
		8.3	39.2	18.5	119	105A8	45	4700	3065	2515	2185	2040	1850
9.5-24	W8					6*		-----UNDER DEVELOPMENT-----					
		241	1050	493	3175	8	2.8	2575	1680	1380	1200	1120	1020
		9.5	41.3	19.4	125	112A8	41	5675	3705	3040	2645	2470	2250
11.2-24	W10	284	1105	512	3314	8	2.4	2880	1880	1540	1340	1250	1140
		11.2	43.5	20.2	130	116A8	35	6340	4140	3390	2950	2750	2510
12.4-24	W11					6*		-----UNDER DEVELOPMENT-----					
						8	2.3	3340	2180	1780	1550	1450	1320
		315	1160	533	3461	121A8	33	7360	4800	3920	3410	3190	2910
		12.4	45.7	21	136	12	3.5	4260	2780	-	1980	1850	-
13.6-24	W12					129A8	51	9380	6120	-	4360	4070	-
		345	1210	549	3584	8	2	3565	2325	1905	1700	1550	1410
14.9-24	W13					123A8	29	7860	5125	4200	3745	3415	3105
						6	1.4	3570	2330	-	1660	1550	-
						123A8	20.3	7860	5130	-	3660	3410	-
		378	1265	585	3801	8	1.8	4140	2700	2210	1930	1800	1640
		14.8	49.8	23	149.6	128A8	26	9120	5950	4870	4250	3960	3610
16.9-24	W15L					12	2.6	5150	3360	-	2400	2240	-
						136A8	38	11340	7400	-	5290	4930	-
		429	1335	601	3922	8	1.7	4740	3090	2530	2200	2060	1870
14.9-26*						133A8	24	10440	6810	5570	4850	4540	4120
23.1-26*						12		-----UNDER DEVELOPMENT-----					
11.2-28	W10	284	1205	560	3621	8	2.4	3040	1980	1620	1410	1320	1200
		11.1	47.4	22	142.5	118A8	34	6700	4360	3570	3110	2910	2640
12.4-28	W11	315	1260	583	3776	8	2.3	3570	2330	1910	1660	1550	1410
		12.4	49.6	23	149	123A8	33	7860	5130	4210	3660	3410	3110
13.6-28	W12					8	2	3800	2480	2030	1770	1650	1500
		345	1310	616	4000	125A8	29	8370	5460	4470	3900	3630	3300
		13.5	51.5	24.3	157.5	12	3	4880	3180	-	2270	2120	-
						134A8	44	10750	7000	-	5000	4670	-
14.9-28	W13					8	1.8	4370	2850	2340	2030	1900	1730
		378	1365	640	4180	130A8	26	9630	6280	5150	4470	4190	3810
		14.8	53.7	25.2	164.6	12	2.6	5430	3540	-	2530	2360	-
						138A8	38	11960	7800	-	5570	5200	-
16.9-28	W15L					8	1.7	5010	3270	2680	2330	2180	1980
		429	1435	660	4305	135A8	24	11040	7200	5900	5130	4800	4360
		16.8	56.4	26.0	169.5	12	2.4	6270	4090	-	2920	2725	-
18.4-28*	W15L					143A8	35	13810	9010	-	6430	6000	-
						8		-----UNDER DEVELOPMENT-----					
						8	1.7	5290	3450	2830	2460	2300	-
16.9-30	W15L	430	1485	685	4485	137A8	25	11650	7600	6230	5420	5070	-
		16.9	58.5	27.0	176.6	12	2.5	6440	4200	-	3000	2800	-
						144A8	36	14190	9250	-	6610	6170	-

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm / in	mm / in					Static	10 6	20 12	30 19	40 25	50 31
18.4-30	W16L	467 18.4	1550 61	698 27.4	4615 178.9	8	1.4	5590	3650	2990	2600	2430	2190
						139A8	20	12310	8040	6590	5730	5350	4828
						10	1.8	6670	4350		3100	2900	
						145A8	26.1	14690	9580		6830	6390	
						12	2.3	7480	4880	—	3480	3250	2930
23.1-30*						149A8	33	16480	10750	—	7670	7160	6460
						14	-----UNDER DEVELOPMENT-----						
16.9-34	W15	430 16.9	1590 62.6	725 28.5	4720 185.8	8	1.7	5590	3650	2990	2600	2430	—
						139A8	25	12310	8040	6590	5730	5350	—
18.4-34	W16L	467 18.4	1650 65	745 29.3	4882 192.2	8	1.4	6100	3980	3260	2840	2650	—
						142A8	20	13440	8770	7180	6260	5840	—
						12	2.2	7940	5180	4240	3690	3450	—
						151A8	32	17510	11420	9350	8140	7610	—
12.4-36*	W11x36	315 12.4	1470 57.9	687 27	4450 175.2	14*	-----UNDER DEVELOPMENT-----						
						8	-----UNDER DEVELOPMENT-----						
						12	3.5	5010	3270	2680	2330	2180	
						135A8	51	11050	7210	5910	5140	4810	
13.6-36	W12 W11	345 13.6	1515 59.6	708 27.9	4632 182.4	14	-----UNDER DEVELOPMENT-----						
						8	2	4260	2780	2280	1980	1850	1670
12.4-38*						129A8	29	9390	6130	5030	4370	4080	3680
13.6-38*						14	-----UNDER DEVELOPMENT-----						
						14	-----UNDER DEVELOPMENT-----						
15.5-38	W14L	394 15.5	1569 61.8	737 28.5	4813 184.8	8	1.8	4740	3090	2540	2200	2060	—
						133A8	26	10440	6810	5590	4850	4540	—
						12	2.75	5920	3860	3170	2760	2575	2320
16.9-38	W15L	430 16.9	1689 66.5	770 30.3	5007 197.1	141A8	40	13050	8510	6990	6090	5680	5120
						8	1.7	5920	3860	3170	2760	2575	—
						141A8	25	13040	8500	6980	6080	5670	—
18.4-38	W16L	467 18.4	1750 68.9	795 31.3	5190 204.3	12*	-----UNDER DEVELOPMENT-----						
						8	1.4	6270	4090	3350	2920	2725	—
						143A8	20	13810	9010	7380	6430	6000	—
						12	2.1	8400	5480	—	3910	3650	—
20.8-38*						153A8	30	18500	12070	—	8610	8040	—
9.5-42*						14	-----UNDER DEVELOPMENT-----						
						6	-----UNDER DEVELOPMENT-----						

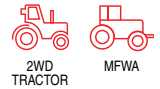
768 IRRIGATION R-1

768 Irrigation has ideally spaced 23 degree lugs for superior traction in irrigation use. Strong and wide lugs provide high traction due to larger ground contact. Strong sidewall construction and high nylon carcass minimizes mechanical failure and moisture deterioration.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar /(psi)	Recommended Load Capacity					
		SW	OD					Max Load Capacity - kgs /(lbs)					
		mm / in	mm / in					Static	10kmph	20kmph	30kmph	40kmph	50kmph
195/65-15	5.5	200	665	306	1987	8	3.2	—	—	—	—	650	—
		7.9	26.2	12	78.2	8	46	—	—	—	—	1430	—
11.2-24	W10	284	1105	512	3314	6	1.8	2440	1590	1300	1130	1060	960
		11.2	43.5	20.2	130.5	110A8	26	5370	3500	2860	2490	2330	2110
12.4-24*						4	-----UNDER DEVELOPMENT-----						
						8	1.8	4140	2700	2210	1930	1800	1640
14.9-24	W13	378 14.9	1250 49.2	574 22.6	3701 145.7	128A8	26	9120	5950	4870	4250	3960	3610
						6	1.4	3130	2040	3690	1460	1360	2700
						119A8	20	6890	4490	8130	3220	3000	5950
11.2-38	W10	284 11.2	1459 57.4	678 26.7	4390 172.8	6	1.8	2710	1770	1450	1260	1180	1070
						114A8	26	5970	3900	3195	2775	2600	2360
						4	1.3	4050	2640	2160	1880	1760	1580
						106A8	19	8920	5810	4760	4140	3880	3480

337 DEEP LUG R-1W+



Multi angled tread pattern for on off road suitability. Stepped lugs help in improving traction. Superior tread compound and wide nose bar gives more life on the road. The tire features high NSD for improved traction. Shadow tie bar adds strength to the lugs.



Size	Rim	Unloaded		Loaded Static Radius	Rolling Circum	PR,Stars Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)					
		dimension						Speed, km/h (mph)					
		SW	OD					Mixed application					
		mm in	mm in					mm in	mm in	Static kmph	10 (1)(2) 6	20 16	25 19
8-18*						6		-----UNDER DEVELOPMENT-----					
8.3-20*						6		-----UNDER DEVELOPMENT-----					
8.3-22*						8		-----UNDER DEVELOPMENT-----					
9.5-20*						8		-----UNDER DEVELOPMENT-----					
9.5-22*						8		-----UNDER DEVELOPMENT-----					
12.4-24	W11 X24	315 12.4	1160 45.7	549 21.6	3536 139.2	8 120A6	1	1980	1290	1060	920	860	690
							1.2	2210	1440	1180	1030	960	770
							1.5	2510	1640	1340	1170	1090	870
							2.3	3220	2100	1890	1610	1400	1120
14.9-24	W13X24	378	1265	579	3720	8	1.8	-	2700	2430	2070	1800	1440
		14.9	49.8	22.8	146.4	128A6	26	-	5950	5350	4560	3960	3170
8.3-24*						8		-----UNDER DEVELOPMENT-----					
9.5-24*						8		-----UNDER DEVELOPMENT-----					
11.2-24*						8		-----UNDER DEVELOPMENT-----					
13.6-24*						8		-----UNDER DEVELOPMENT-----					
11.2-26*						8		-----UNDER DEVELOPMENT-----					
12.4-26*						8		-----UNDER DEVELOPMENT-----					
13.6-26*						8		-----UNDER DEVELOPMENT-----					
12.4-28*						8		-----UNDER DEVELOPMENT-----					
13.6-28*						8		-----UNDER DEVELOPMENT-----					
14.9-28	W13X28	378	1365	633	4070	8	1.8	-	2850	2570	2190	1900	1520
		14.9	53.7	24.9	160.2	130A6	26	-	6280	5660	4820	4190	3350
16.9-30*						8		-----UNDER DEVELOPMENT-----					
12.4-32*						8		-----UNDER DEVELOPMENT-----					
16.9-34	DW15LX34	429	1585	732	4730	8	1.7	-	3650	3280	2790	2430	1940
		16.9	62.4	28.8	186.2	139A6	25	-	8040	7220	6150	5350	4270
12.4-36*						8		-----UNDER DEVELOPMENT-----					

340 R-1



340 is designed for both on and off road applications. It provides superior traction during field operations and good comfort during on road applications. Its rubber compound provides high resistance to cut growth. The wide nose bar helps in delivering extra life on hard surfaces.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar / (psi)	Recommended Load Capacity				
		SW	OD					Mixed application				
		mm / in	mm / in					mm / in	mm / in	Static	10kmph	20kmph
9.5-18	W8 W9	241	895	408	2657	6	2.2	1790	1090	940	830	780
		9.5	35.2	16.1	104.6	126A6	32	3950	2400	2070	1830	1720

FarmPRO TD45 R-1



The Alliance FarmPRO TD 45 has a modern, curved 45 degree lug design for both smooth riding on the road, and excellent traction in all field conditions. Its special stepped surfaces between lugs facilitate cleaning in very muddy conditions. The wide nose bar provides extra life on hard surfaces / roads. The FarmPRO TD 45 has been reinforced with a wear resistant compound to give it long wear capabilities.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar /(psi)	Recommended Load Capacity					
		SW	OD					Mixed application					
		mm / in	mm / in					Static	10kmph	20kmph	25kmph	30kmph	40kmph
180/95-14 (7-14)	6JX14	178	701	298	2180	6	2.5	1680	1100	990	840	730	580
		7	27.6	11.7	85.8	97A6/93A8	36	3700	2430	2180	1850	1610	1280
7-16	6LBX16	183	742	352	2290	6	2.5	1150	700	600	540	500	
		7.2	29.2	13.9	90.2	84A6	36	2540	1540	1320	1190	1100	
8-16	6LBX16	211	790	370	2390	6	1.9	1410	860	740	660	615	
		8.3	31.1	14.6	94.1	91A6	28	3110	1900	1630	1460	1360	
9.5-16	W8LX16	241	845	392	2525	6	2.1	1590	970	830	740	690	620
		9.5	33.3	15.4	99.4	95A6	30	3510	2140	1830	1630	1520	1370
16.9-24*						12		-----UNDER DEVELOPMENT-----					
14.9-28	W13	378	1367	627	4138	8	1.4	-	-	-	-	-	1450
		14.9	53.8	24.7	162.9		20	-	-	-	-	-	3197
18.4-38*						10		-----UNDER DEVELOPMENT-----					

304 R-1



The Alliance 304 is an R-1 tread drive wheel tire for application as Rear tractor tire. Its knife like lugs is designed for deeper penetration of the ground. The double angle design with a wide space between lugs ensures efficient self-cleaning properties in any kind of soil. The design, based on 45° angle bar with center studs, provides better resistance to side slippage and continuous rolling. The tire is recommended for hillside operations and for occasional short drives on-the-road. A strong nylon carcass guards against mechanical failures and moisture deterioration.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		Not high and sustained torque;						Field operation								
		Road transport						Low Torque		High Torque						
		SW	OD									Static	10 6	20 12	30 19	40 25
18.4-28	W16L	467	1500	672	4406	8	1.4	5430	3540	2900	2530	2360	2150	3300	2830	2530
	W15L	18.4	59.1	26.5	173.5	138A8	20	11970	7800	6390	5580	5200	4740	7280	6240	5580
13.6-36	W12	345	1515	703	4548	8	2.1	4490	2930	2400	2090	1950	1770	2730	2340	2090
	DW12	13.6	59.6	27.7	179.1	131A8	30	9900	6460	5290	4610	4300	3900	6020	5160	4610
12.4-38	W11	315	1515	710	4576	6	1.7	3450	2250	1850	1610	1500	1370	2100	1800	1610
	DW11 W10	12.4	59.6	28	180.2	122A8	25	7610	4960	4080	3550	3310	3020	4630	3970	3550
13.6-38	W12	345	1565	729	4709	8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090
	DW12 W11	13.6	61.6	28.7	185.4	131A8	29	9900	6460	5290	4610	4300	3900	6020	5160	4610
14.9-38	W13	378	1615	748	4843	8	1.8	4360	3270	2660	2330	2180	1980	3050	2620	2330
	DW12 W12	14.9	63.6	29.4	190.7	135A8	26	9610	7210	5860	5140	4810	4370	6720	5780	5140

Row Crop



AGRIFLEX+ 354

R-1W

SB

STEEL BELTED



The advanced Agriflex+ 354 Very Improved Flexion (VF) is designed to carry same load as standard radial tractor tire but at lower pressure or carry upto 40% more at the same pressure. Together with all the advantages of Alliance's standard R-1W radial tractor drive tires these tires allow lower inflation pressure for the same load capacity related to regular Row Crop tires. Stronger lugs than regular Row Crop tires, outstanding traction, excellent self-cleaning characteristics and enhanced lug shape ensure exceptional durability, comfort and a significant reduction of noise while driving on the road. Agriflex+ 354 gives a large tire footprint area for high traction, reduces fuel costs and increases overall operation productivity and best puncture protection and more uniform ground pressure distribution due to its steel belts.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		Not high and sustained torque; Road transport						Cyclic*		CFO*							
								Press.	Load	Load	Load						
SW	OD	mm in	mm in	mm in	mm in	bar psi	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6	15 9	30 19	
VF380/85R30	DW13	394	1412	625	4163	146D	1.6	3210	3000	3000		3000	2730	2	4650		
	DW12	15.5	55.6	24.6	163.9		23	7080	6610	6610		6610	6020	29	10250		
VF420/90R30	DW13	450	1518	669	4486	153D	1.6	3910	3650	3650		3650	3320	2	5660		
	DW15	17.7	59.8	26.3	176.6		23	8620	8050	8050		8050	7320	29	12480		
VF380/85R34	DW13	395	1524	679	4503	149D	1.6	3480	3250	3250		3250	2960	2	5040		
	DW12	15.6	60	26.7	177.3		23	7670	7170	7170		7170	6530	29	11110		
VF420/85R34*						159D	-----UNDER DEVELOPMENT-----										
VF480/70R34	DW16L	495	1580	714	4719	160D	2.4	4820	4500	4500		4500	4100	3	6980		
		19.5	62.2	28.1	185.8		35	10630	9920	9920		9920	9040	44	15390		
VF 380/80R38	DW13	398	1595	725	4710	154D	2.4	4020	3750	3750	—	3750	3410	3	5810	—	—
	DW12	15.7	62.8	28.5	185.4		35	8850	8260	8260	—	8260	7510	44	12800	—	—
VF 380/95R38*						159D	-----UNDER DEVELOPMENT-----										
VF480/80R42	DW16	489	1848	826	5490	162D	1.6	5090	4750	4750		4750	4320	2	7360		
	DW15	19.3	72.8	32.5	216.1		23	11220	10470	10470		10470	9520	29	16230		
VF320/90R46*						160D	-----UNDER DEVELOPMENT-----										
VF 320/105R46	DW11																
	DW10	325	1840	850	5583			6750	6300	6300	—	6300	5730	5.6	9770	—	—
	DW12	12.8	72.4	33.5	219.8	172D	4.8	14870	13880	13880	—	13880	12620	81	21520	—	—
	W11 W12						70										
VF 380/90R46	DW13	391	1854	861	5549	173D	4.4	8130	6500	6500	—	6500	5920	5.2	10080	—	—
	DW12	15.4	73	33.9	218.5		64	17910	14320	14320	—	14320	13040	75	22200	—	—
VF480/80R46	DW16	489	1948	876	5806	164D	1.6	5360	5000	5000		5000	4550	2	7750		
	DW15	19.3	76.7	34.5	228.6		23	11820	11020	11020		11020	10030	29	17090		
VF 520/85R46	DW18	530	2052	916	6026	170D	1.6	6430	6000	6000	—	6000	5460	2	9300	—	—
	DW16	20.9	80.8	36.1	237.2		23	14160	13220	13220	—	13220	12030	29	20480	—	—
VF 340/85R48	W12	343	1808	841	5489	164D	4	5360	5000	5000		5000	4550	4.8	7000		
	W11	13.5	71.2	33.1	216.1		58	11820	11020	11020		11020	10030	70	15430		
VF 320/90R50	W11	319	1848	864	5620	166D	4.4	5680	5300	5300	—	5300	4820	5.2	8220	—	—
	W10 W12	12.6	72.8	34	221.3		64	12510	11670	11670	—	11670	10620	75	18110	—	—
VF 320/105R50	DW11	323	1938	894	5836	158D	2.4	4550	4250	4250		4250	3870	3	5950		
	DW10 DW12	12.7	76.3	35.2	229.8		35	10030	9370	9370		9370	8530	44	13120		
VF380/90R50*						175D	-----UNDER DEVELOPMENT-----										
VF 380/105R50*						179D	-----UNDER DEVELOPMENT-----										
VF 480/80R50	DW16	479	2050	936	6114	171D	2.4	6590	6150	6150	—	6150	—	3	9530	—	—
	DW15	18.9	80.7	36.9	240.7		35	14520	13550	13550	—	13550	—	44	20990	—	—
						179D	3.6	8300	7750	7750	—	7750	7050	4.4	12010	—	—
							52	18280	17070	17070	—	17070	15530	64	26450	—	—
VF 420/95R50	DW14	425	2052	932	6131	177D	3.6	9130	8150	7480	—	7300	6640	4.4	11320	—	—
	DW13 W14 W13	16.7	80.8	36.7	241.4		52	20110	17950	16480	—	16080	14630	64	24930	—	—
VF 480/95R50	DW16	485	2187	984	6550	176D	2.4	7610	7100	7100	—	7100	6460	3	11010	—	—
	DW15	19.1	86.1	38.7	257.9		35	16760	15640	15640	—	15640	14230	44	24250	—	—
VF 230/115R54*						151D	-----UNDER DEVELOPMENT-----										
VF270/105R54*						160D	-----UNDER DEVELOPMENT-----										
VF 320/105R54*						172D	-----UNDER DEVELOPMENT-----										
VF 320/90R54	DW11	320	1950	911	5944	168D	4.4	6000	5600	5600		5600	5100	5.2	7840		
	DW10 DW12	12.6	76.8	35.9	234		64	13230	12350	12350		12350	11240	75	17280		
VF 380/90R54*						176D	-----UNDER DEVELOPMENT-----										
VF380/105R54*						183D	-----UNDER DEVELOPMENT-----										

AGRIFLEX+ 363

R-1

SB

STEEL BELTED



Agriflex+ 363 Very Improved Flexion (VF) is a tire for modern methods in field spraying. It is an optimal tire for heavy and high speed self propelled sprayers. The VF tire construction enables working with high tire deflection, providing up to 40% higher load carrying capacity for the same inflation pressure as regular tires. The directional lug design, divided into separated blocks provides excellent grip on soft surfaces. Large number of blocks and high rubber to void tread ratio, ensures long tread life, comfort and low rolling resistance during transport operation on hard surfaces. Large tire footprint area provides high traction, reduces fuel costs and minimizes soil compaction. The steel belted carcass structure ensures uniform ground pressure, puncture protection and extended tread life.



Size	Rim	Unloaded		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)						
		dimension						Speed, km/h (mph)						
		SW	OD					Not high and sustained torque; Road transport				Cyclic*		
		mm in	mm in	mm in	mm in		bar psi	10 6	15 9	20 12	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6
VF 320/90R46*						155D		-----UNDER DEVELOPMENT-----						
VF 380/90R46	DW13	389	1842	848	5548	173D	4.4	8130	7260	6660	6500	5920	5.2	10075
	DW12	15.3	72.5	33.4	218.4		64	17910	15990	14670	14320	13040	75	22190
VF 230/95R48	W12													
	W13													
VF 230/95R48	W8	232	1660	784	5058	146D	3.6	3210	3000	3000	3000	2730	4.4	4650
	W9	9.1	65.4	30.9	199.1		52	7070	6610	6610	6610	6010	64	10240
VF 270/95R48	DW10	275	1733	816	5329	155D	4	4150	3875	3875	3875	3530	4.8	6010
	DW9	10.8	68.2	32.1	209.8		58	9140	8540	8540	8540	7780	70	13240
VF 320/90R50*						166D		-----UNDER DEVELOPMENT-----						
VF 480/80R50*						169D		-----UNDER DEVELOPMENT-----						
VF 270/95R54	DW10	287	1894	894	5763	156D	3.6	4290	4000	4000	4000	3640	4.4	6200
	DW9	11.3	74.6	35.2	226.9		52	9450	8810	8810	8810	8020	64	13660

AGRIFLEX 354

R-1W

SB

STEEL BELTED



The advanced Agriflex 354 Improved Flexion (IF) is designed to carry same load as standard radial tractor tire but at lower pressure or carry more load (up to 20%) at the same pressure. Together with all the advantages of Alliance's standard R-1W radial tractor drive tires these tires allow lower inflation pressure for the same load capacity related to regular Row Crop tires. Stronger lugs than regular Row Crop tires, outstanding traction, excellent self-cleaning characteristics and enhanced lug shape ensure exceptional durability, comfort and a significant reduction of noise while driving on the road. Agriflex 354 gives a large tire footprint area for high traction, reduces fuel costs and increases overall operation productivity and best puncture protection and more uniform ground pressure distribution due to its steel belts.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW OD						Speed, km/h (mph)						Cyclic*	
		Not high and sustained torque; Road transport						Press.		Load					
		mm in	mm in	mm in	mm in		bar psi	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6
IF 420/85R34	W14L	417	1575	709	4681	154D	2.4	4690	4190	3840	—	3750	3410	3	5813
	W15L	16.4	62	27.9	184.3		35	10330	9230	8460	—	8260	7510	44	12800
IF 380/80R38	DW13	398	1595	728	4706	149D	2.4	4060	3630	3330	—	3250	2960	3	5038
	DW12	15.7	62.8	28.7	185.3		35	8940	8000	7330	—	7160	6520	44	11100
IF 380/95R38	DW13	390	1687	767	5018	154D	2.4	4690	4190	3840	—	3750	3410	3	5813
	DW12	15.4	66.4	30.2	197.5		35	10330	9230	8460	—	8260	7510	44	12800
IF 320/105R46	DW11					166D									
	DW10	345	1840	857	5553		4.8	6630	5920	5430	—	5300	4820	5.6	8215
	DW12	13.6	72.4	33.7	218.6		70	14600	13040	11960	—	11670	10620	81	18090
	W11														
IF 320/90R46	DW10	320	1744	814	5283	155D	3.6	4840	4330	3970	—	3875	3530	4.4	6006
	DW11	12.6	68.7	32	208		52	10660	9540	8740	—	8540	7780	64	13230
IF 380/90R46						168D	4.4	7000	6250	5740	—	5600	5100	5.2	8680
	DW13	391	1854	861	5585		64	15420	13770	12640	—	12330	11230	75	19120
	DW12	15.4	73	33.9	219.9	173D	5.2	8130	7260	6660	—	6500	5920	6	10075
							75	17910	15990	14670	—	14320	13040	87	22190

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		Speed, km/h (mph)						Cyclic*							
		Not high and sustained torque; Road transport													
		SW OD		Press.			Load								
mm in	mm in	mm in	mm in	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6				
IF 520/85R46	DW18	530	2052	916	6013	165D	1.6	6440	5750	5280	—	5150	4690	2	7983
	DW16	20.9	80.8	36.1	236.7		23	14190	12670	11630	—	11340	10330	29	17580
IF 340/85R48	DW12	343	1808	850	5480	159D	4	5470	4890	4480	—	4375	3980	4.8	6781
		13.5	71.2	33.5	215.7		58	12050	10770	9870	—	9640	8770	70	14940
IF 320/90R50	DW11	319	1846	871	5645	161D	4.4	5780	5160	4740	—	4625	4210	5.2	7169
	W10	12.6	72.7	34.3	222.2		64	12730	11370	10440	—	10190	9270	75	15790
	W12														
IF 320/105R50	DW11	323	1938	909	5830	152D	2.4	4440	3960	3640	—	3550	3230	3	5503
	DW12	12.7	76.3	35.8	229.5		35	9780	8720	8020	—	7820	7110	44	12120
IF 380/90R50	DW13	385	1956	906	5896	170D	4.4	7500	6700	6150	—	6000	5460	5.2	9300
	DW12	15.2	77	35.7	232.1		64	16520	14760	13550	—	13220	12030	75	20480
IF 380/105R50	DW13	399	2052	947	6187	177D	4.8	9130	8150	7480	—	7300	6640	5.6	11315
	DW12	15.7	80.8	37.3	243.6		70	20110	17950	16480	—	16080	14630	81	24920
IF 480/80R50	DW16	479	2050	946	6153	166D	2.4	6630	5920	5430	—	5300	4820	3	8215
	DW15	18.9	80.7	37.2	242.2		35	14600	13040	11960	—	11670	10620	44	18090
IF 480/95R50	DW16	480	2187	988	6518	165D	1.6	6440	5750	5280	—	5150	4690	2	7983
	DW15	18.9	86.1	38.9	256.6		23	14190	12670	11630	—	11340	10330	29	17580
IF 230/115R54	W8	257	1947	921	5941	145D	3.2	3630	3240	2970	—	2900	2640	4	4495
		10.1	76.7	36.3	233.9		46	8000	7140	6540	—	6390	5810	58	9900
IF 270/105R54	W10	280	1946	917	5949	158D	4	5310	4750	4360	—	4250	3870	4.8	6588
		11	76.6	36.1	234.2		58	11710	10470	9610	—	9370	8530	70	14520
IF 320/90R54	DW11	322	1950	922	5972	162D	4.4	5940	5300	4870	—	4750	4320	5.2	7363
	DW10	12.7	76.8	36.3	235.1		64	13080	11670	10730	—	10460	9520	75	16220
	DW12														
IF 320/105R54	DW11	330	2040	959	6230	167D	4.4	6810	6090	5590	—	5450	4960	5.2	8448
	DW10	13	80.3	37.8	245.3		64	15000	13410	12310	—	12000	10930	75	18610
IF 380/90R54	DW13	380	2056	959	6231	171D	4.4	7690	6870	6300	—	6150	5600	5.2	9533
	DW12	15	80.9	37.8	245.3		64	16940	15130	13880	—	13550	12330	75	21000
IF 380/105R54	DW13	395	2163	1001	6532	180D	5.2	10000	8930	8200	—	8000	7280	6	12400
	DW12	15.6	85.2	39.4	257.2		75	22050	19690	18080	—	17640	16050	87	27340

AGRIFLEX 363

R-1

SB

STEEL BELTED



Agriflex 363 Improved Flexion (IF) is a tire for modern methods in field spraying. It is an optimal tire for heavy and high speed self propelled sprayers. The IF tire construction enables working with higher tire deflection, providing up to 20% higher load carrying capacity for the same inflation pressure as regular tires. The directional lug design, divided into separated blocks provides excellent grip on soft surfaces. Larger number of blocks and high rubber to void tread ratio, ensures longer tread life, comfort and low rolling resistances during transport operation on hard surfaces. Larger tire footprint area provides higher traction, reduces fuel costs and minimizes soil compaction. Steel belted carcass structure ensures uniform ground pressure distribution, puncture protection and extended tread life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Not high and sustained torque; Road transport							Cyclic*
				Press.	Load										
				mm in	mm in		mm in	mm in	bar psi	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44
IF 320/90R46	DW10														
	DW11	308	1748	821	5324	155D	3.6	4840	4330	3970		3875	3530	4.4	6006
	DW12	12.1	68.8	32.3	209.6		52	10660	9540	8740		8540	7780	64	13230
IF 380/90R46	DW13														
	DW12	389	1842	853	5592	168D	4.4	7000	6250	5740	—	5600	5100	5.2	8680
	W12	15.3	72.5	33.6	220.2		64	15420	13770	12640	—	12330	11230	75	19120
	W13														
IF 480/80R50	DW16	480	2038	940	6153	166D	2.4	6630	5920	5430	—	5300	4820	3	8215
		18.9	80.2	37	242.3		35	14600	13040	11960	—	11670	10620	44	18090

The Alliance 350 is a special line of radial narrow tires for all types of cultivation, harvesting and spraying jobs. The tire is characterized by round shoulders for soil and crop protection. A tough casing and rigid belt provides all the advantages of radial construction. This tire is used as front wheel in Row Crop applications.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		Field	1) Not high and sustained torque; 2) Road transport													
			Non cyclic operation					Cyclic operation								
			25 16				40 25	50 31	65 40	70 44	bar psi	10 6	15 9			
230/95R28 (9.5R28)	W8 W7	241 9.5	1140 61	530 28.7	3418 187.8	109A8 106B	1.6 23	1100 2420	1140 2510	1030 2270	940 2070	2 29	1750 3850	1600 3520		
210/95R32 (8.3R32)	W7 W6	211 8.3	1190 46.9	553 21.8	3668 144.4	103D	2.4	1010	1040	960	920	875	800	3	1490	1360
						114A2	35	2220	2290	2110	2030	1930	1760	44	3280	3000
						116D	3.6	1440	1480	1370	1310	1250	1140	4.5	2130	1940
						119A8	52	3170	3260	3020	2890	2750	2510	65	4690	4270
230/95R32 (9.5R32)	W8 W7	241 9.5	1245 49	582 22.9	3796 149.4	128D	3.6	2070	2130	1970	1890	1800	1640	4.5	3060	2790
						131A8	52	4564	4696	4343	4167	3968	3616	65	6746	6151
						115D	2.4	1400	1440	1330	1280	1215	1110	3	2070	1880
						126A2	35	3086	3175	2932	2822	2679	2447	44	4564	4145
270/95R32 (11.2R32)	W10 W9 W8	284 11.2	1300 51.2	601 23.7	3996 157.3	132D	3.6	2300	2370	2190	2100	2000	1820	4.5	3400	3100
						135A8	52	5071	5225	4828	4630	4409	4012	65	7496	6834
						121D	2.4	1670	1720	1590	1520	1450	1320	3	2470	2250
						132A2	35	3682	3792	3505	3351	3197	2910	44	5445	4960
320/85R34 (12.4R34)	W11	329	1408	652	4239	141A8	3.6	2760	3450	2860	2760	2575	2340	4.5	4380	3990
		13	55.4	25.7	166.9		52	6085	7606	6305	6085	5677	5159	65	9656	8796
210/95R36 (8.3R36)	W7 W6	211 8.3	1290 50.8	607 23.9	3970 156.3	118D	3.6	1520	1560	1450	1390	1320	1200	4.5	2240	2050
						121A8	52	3351	3439	3197	3064	2910	2646	65	4938	4519
						105D	2.4	1060	1100	1010	970	925	840	3	1570	1430
						116A2	35	2337	2425	2227	2138	2039	1852	44	3461	3153
230/95R36 (9.5R36)	W8 W7	241 9.5	1345 53	625 24.6	3981 156.7	130D	3.6	2190	2250	2080	2000	1900	1730	4.5	3230	2950
						133A8	52	4828	4960	4586	4409	4189	3814	65	7121	6504
						117D	2.4	1480	1520	1410	1350	1285	1170	3	2180	1990
						128A2	35	3263	3351	3109	2976	2833	2579	44	4806	4387
270/95R36 (11.2R36)	W10 W9 W8	284 11.2	1410 55.5	654 25.7	4327 170.4	136D	3.6	2580	2650	2450	2350	2240	2040	4.5	3810	3470
						139A8	52	5688	5842	5401	5181	4938	4497	65	8400	7650
						123D	2.4	1780	1840	1700	1630	1550	1410	3	2640	2400
						134A2	35	3924	4057	3748	3594	3417	3109	44	5820	5291
270/95R38 (11.2R38)	W10 W9 W8	284 11.2	1456 57.3	680 26.8	4480 176.4	137D	3.6	2650	2730	2520	2420	2300	2090	4.5	3910	3570
						140A8	52	5842	6019	5556	5335	5071	4608	65	8620	7870
						124D	2.4	1840	1900	1750	1680	1600	1460	3	2720	2480
						135A2	35	4057	4189	3858	3704	3527	3219	44	5997	5467
230/95R40 (9.5R40)*						132D		-----UNDER DEVELOPMENT-----								
230/95R42 (9.5R42)	W7	228	1505	712	4537	133D	4	2370	2440	2260	2160	2060	1870	5	3500	3190
		9	59.3	28	178.6	136A8	59	5220	5370	4980	4760	4540	4120	74	7710	7030
270/95R42 (11.2R42)	W10 W9 W8	284 11.2	1565 61.6	736 29	4770 187.8	139D	3.6	2790	2880	2660	2550	2430	2210	4.5	4130	3770
						142A8	52	6151	6349	5864	5622	5357	4872	65	9105	8311
						126D	2.4	1960	2010	1860	1790	1700	1550	3	2890	2640
						137A2	35	4321	4431	4101	3946	3748	3417	44	6371	5820

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		Field	1) Not high and sustained torque; 2) Road transport													
			Non cyclic operation					Cyclic operation								
			25 16				40 25	50 31	65 40	70 44	bar psi	10 6	15 9			
210/95R44 (8.3R44)	W7 W6	211 8.3	1495 58.9	708 27.9	4641 182.7	126D	3.6	1960	2010	1860	1790	1700	1550	4.5	2890	2640
						129A8	52	4321	4431	4101	3946	3748	3417	65	6371	5820
						113D	2.4	1320	1360	1260	1210	1150	1050	3	1960	1780
						124A2	35	2910	2998	2778	2668	2535	2315	44	4321	3924
230/95R44 (9.5R44)	W8 W7	241 9.5	1550 61	730 28.7	4810 189.4	121D	2.4	1670	1720	1590	1520	1450	1320	3	2470	2250
						124A8	35	3682	3792	3505	3351	3197	2910	44	5445	4960
						134D	3.6	2440	2510	2320	2230	2120	1930	4.5	3600	3290
						137A8	52	5379	5534	5115	4916	4674	4255	65	7937	7253
270/95R44 (11.2R44)	W10 W9 W8	284 11.2	1605 63.2	752 29.6	4875 191.9	140D	3.6	2880	2960	2740	2630	2500	2280	4.5	4250	3880
						143A8	52	6349	6526	6041	5798	5512	5027	65	9370	8554
						127D	2.4	2010	2070	1920	1840	1750	1590	3	2980	2710
						138A2	35	4431	4564	4233	4057	3858	3505	44	6570	5975
						142D	4	3050	3140	2900	2780	2650	2410	5	4510	4110
						145A8	58	6724	6923	6393	6129	5842	5313	73	9943	9061
270/95R46 (11.2R46)	W10 W9 W8	284 11.2	1665 65.6	774 30.5	5121 201.6	141D	3.6	2960	3050	2820	2700	2575	2340	4.5	4380	3990
						144A8	52	6526	6724	6217	5952	5677	5159	65	9656	8796
						128D	2.4	2070	2130	1970	1890	1800	1640	3	3060	2790
						139A2	35	4564	4696	4343	4167	3968	3616	44	6746	6151
300/95R46 (12.4R46) (320/90R46)	W11 W10 W9	315 12.4	1727 68	807 31.8	5294 208.4	148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880
						151A8	52	7981	8223	7606	7297	6945	6327	65	11817	10759
						132D	2.4	2300	2370	2190	2100	2000	1820	3	3400	3100
						143A2	35	5071	5225	4828	4630	4409	4012	44	7496	6834
340/85R46 (13.4R46)	W12 W11	340 13.4	1760 69.3	824 32.4	5437 214.1	150D	3.6	3850	3970	3670	3520	3350	—	4.5	5700	5190
						153A8	52	8480	8740	8080	7750	7380	—	65	12560	11430
380/105R46	W12 W13 W11	394 15.5	1950 76.8	898 35.4	5916 232.9	158D	3	4890	5040	4650	4460	4250	3870	3.8	7230	6590
							44	10781	11111	10251	9833	9370	8532	55	15939	14528
380/90R46 (14.9R46)	W13 W12 W11	378 14.9	1824 71.8	851 33.5	5503 216.7	142D	2.1	3050	3140	2900	2780	2650	2410	2.6	4510	4110
						145A8	30	6724	6923	6393	6129	5842	5313	38	9943	9061
						149D	2.4	3740	3850	3560	3410	3250	2960	3	5530	5040
						152A8	35	8245	8488	7848	7518	7165	6526	44	12192	11111
						159D	4	5030	5180	4790	4590	4375	3980	5	7440	6780
						162A8	58	11089	11420	10560	10119	9645	8774	73	16402	14947
						172D	5.8	7250	7470	6900	6620	6300	5730	7.3	10710	9770
230/95R48 (9.5R48)	W8 W7	241 9.5	1650 65	787 31	5119 201.5	175A8	84	15983	16469	15212	14595	13889	12632	106	23611	21539
						136D	3.6	2580	2650	2450	2350	2240	2040	4.5	3810	3470
						139A8	52	5688	5842	5401	5181	4938	4497	65	8400	7650
						123D	2.4	1780	1840	1700	1630	1550	1410	3	2640	2400
270/95R48 (11.2R48)	W10 W9 W8	284 11.2	1710 67.3	811 31.9	5221 205.5	134A2	35	3924	4057	3748	3594	3417	3109	44	5820	5291
							2.4	2130	2190	2030	1940	1850	—	3	3150	2870
						129D	35	4690	4820	4470	4270	4070	—	44	6940	6320
						142D	3.6	3050	3140	2900	2780	2650	—	4.5	4510	4110
340/85R48 (13.6R48)	W12 W11	345 13.6	1805 71.1	854 33.6	5568 219.2	145A8	52	6720	6920	6390	6120	5840	—	65	9930	9050
						148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880
						151A8	52	7981	8223	7606	7297	6945	6327	65	11817	10759
						135D	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380
						146A2	35	5534	5688	5269	5049	4806	4365	44	8179	7452
						151D	4.2	3970	4090	3780	3620	3450	3140	5.3	5870	5350
						154A8	61	8752	9017	8333	7981	7606	6923	77	12941	11795
						156D	4.8	4600	4740	4380	4200	4000	3640	6	6800	6200
320/90R50 (12.4R50)	W11 W10 W9	325 12.8	1867 73.5	875 34.4	5640 222	159A8	70	10141	10450	9656	9259	8818	8025	87	14991	13669
						150D	3.6	3850	3970	3670	3520	3350	3050	4.5	5700	5190
	153A8	52	8480	8740	8080	7750	7380	6720	65	12560	11430					

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								1) Not high and sustained torque; 2) Road transport									
								Non cyclic operation					Cyclic operation				
				mm in	mm in		mm in	mm in	mm in	bar psi	10 6	15 9					
380/105R50	W12	405	2050	955	6214	168D	4.4	6440	6640	6130	5880	5600	5100	5.5	9520	8680	
	W11	15.9	80.7	37.6	244.6	171A8	64	14198	14639	13514	12963	12346	11244	80	20988	19136	
380/90R50 (14.9R50)	W12 W11 W12L	384	1950	916	5939	151D	2.4	3970	4090	3780	3620	3450	3140	3	5870	5350	
						154A8	35	8752	9017	8333	7981	7606	6923	44	12941	11795	
						152D	-----UNDER DEVELOPMENT-----										
						152A8*											
						158D	3.6	4890	5040	4650	4460	4250	3870	4.5	7230	6590	
						161A8	52	10781	11111	10251	9833	9370	8532	65	15939	14528	
300/95R52 (12.4R52)	W10 W9 W8	310	1890	895	5790	148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880	
						151A8	52	7981	8223	7606	7297	6945	6327	65	11817	10759	
						156D	4.8	4600	4740	4380	4200	4000	3640	6	6800	6200	
						159A8	70	10141	10450	9656	9259	8818	8025	87	14991	13669	
						135D	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380	
						146A2	35	5534	5688	5269	5049	4806	4365	44	8179	7452	
270/95R54 (11.2R54)	W10 W9 W8	285	1900	903	5826	146D	3.6	3450	3560	3290	3150	3000	2730	4.5	5100	4650	
						149A8	52	7606	7848	7253	6945	6614	6019	65	11244	10251	
						156D	6	4600	4740	4380	4200	4000	3640	7.5	6800	6200	
						159A8	87	10141	10450	9656	9259	8818	8025	109	14991	13669	
320/90R54	W10 W9 W11	325	1958	928	6093	151D	3.6	3970	4090	3780	3620	3450	—	4.5	5870	5350	
						162A2	52	8740	9010	8330	7970	7600	—	65	12930	11780	
380/90R54 (14.9R54)	W12 W11 W13	388	2055	960	6257	152D	2.4	4080	4210	3890	3730	3550	3230	3	6040	5500	
						155A8	35	8995	9281	8576	8223	7826	7121	44	13316	12125	
						171D	4.8	7070	7290	6730	6460	6150	5600	6	10460	9530	
						174A8	70	15587	16072	14837	14242	13558	12346	87	23060	21010	

Combine Harvester



AGRIFLEX+ 372

R-1W

SB

SG

STEEL BELTED

STUBBLE GUARD



The advanced Agriflex+ 372 Very Improved Flexion (VF) designed with increased sidewall flexibility enables the tire to carry (up to 40%) more at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The footprint enables high traction, reduces fuel costs and increases overall operation productivity. The R-1W pattern enables excellent grip as well as long tire life on hard surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		Not high and sustained torque; Road transport						Cyclic*		CFO*							
		mm in	mm in					mm in	mm in	mm in	bar psi	10 6	15 9	20 12	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi
VF 520/80R26*						168D		-----UNDER DEVELOPMENT-----									
VF 620/70R26	DW21B	626	1485	644	4387	170D	2.4	6430	6000	6000	6000	5460	—	—	7980	6660	
	DW20B	24.6	58.5	25.4	172.7		35	14160	13220	13220	13220	12030	—	—	17580	14670	
VF 750/65R26*						177B		-----UNDER DEVELOPMENT-----									
VF 800/65R32 CFO	DW27B	775	1845	804	5416	184D	2.4		9000	9000	9000	8190		9640	11970	9990	
		30.5	72.6	31.7	213.2		35		19840	19840	19840	18060		21250	26390	22020	
VF 800/70R32*						185D		-----UNDER DEVELOPMENT-----									
VF 900/60R32*						196D		-----UNDER DEVELOPMENT-----									
VF 800/70R38*						190D		-----UNDER DEVELOPMENT-----									
VF 900/60R38*						188D		-----UNDER DEVELOPMENT-----									
VF 520/85R42	DW16L	540	1955	874	5806	177A8	2.8	7820	7300	7300	7300	6640			9709	8103	
	DW18L	21.3	77	34.4	228.6		41	17240	16090	16090	16090	14640			21410	17860	
VF 710/70R42 CFO	DW25B	745	2062	924	6094	185D	2.4	9910	9250	9250	9250	8420			12303	10268	
		29.3	81.2	36.4	239.9		35	21850	20390	20390	20390	18560			27120	22640	

AGRIFLEX 372

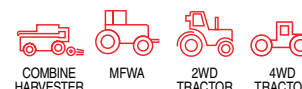
R-1W

SB

SG

STEEL BELTED

STUBBLE GUARD



The advanced Agriflex 372 Improved Flexion (IF) designed with increased sidewall flexibility enables the tire to carry (up to 20%) more load at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operation productivity. The R-1W pattern enables excellent grip as well as long tire life on hard surfaces.



AGRIFLEX 372 CFO

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)						CFO*	
								Not high and sustained torque; Road transport							
								mm in	mm in	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44
IF 520/80R26 CFO	DW16	505	1465	651	4372	165A8	3.2	6440	5750	5280	5150	—	—	7980	6700
		19.9	57.7	25.6	172.1		46	14190	12670	11630	11340	—	—	17580	14750
600/65R28 IF CFO	DW21B	606	1485	666	4418	160D	2.4	5630	5030	4610	—	4500	4100	6975	5850
	DW20B	23.9	58.5	26.2	173.9		35	12400	11080	10150	—	9910	9030	15360	12890
	W18L														
IF 620/75R30 CFO	DW23B	650	1675	734	4854	164D	1.6	6250	5580	5130	—	5000	4550	7750	6500
		25.6	65.9	28.9	191.1		23	13770	12290	11300	—	11010	10020	17070	14320
IF 650/75R30 CFO	DW23B DW21B	660	1720	754	5007	166D	1.6	6630	5920	5430	—	5300	4820	8215	6890
		26	67.7	29.7	197.1		23	14600	13040	11960	—	11670	10620	18090	15180
IF 800/65R32 CFO	DW27B	775	1845	816	5449	178A8	2.4	9380	8380	7690	7500	—	—	11625	9750
		30.5	72.6	32.1	214.5		35	20660	18460	16940	16520	—	—	25610	21480
IF 800/70R32 CFO	DW27B DW25B	784	1933	857	5704	182A8	2.4	10630	9490	8710	8500	—	—	13175	11050
		30.9	76.1	33.7	224.6		35	23410	20900	19190	18720			29020	24340

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)						CFO*	
								Not high and sustained torque; Road transport							
								mm in	mm in	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44
IF 900/60R32 CFO	DW30B DW27B	885 34.8	1890 74.4	847 33.3	5612 220.9	192D	4	14380	12840	11790	—	11500	10470	17830	14950
						188D	58	31670	28280	25970	—	25330	23060	39270	32930
							46	27530	24600	22580	—	22030	20040	34140	28630
IF 1250/50R32 CFO	DH44B	1250 49.2	2080 81.9	905 35.6	6211 244.5	201B	3.2	18130	16190	14860	—	14500		22480	18850
							46	39970	35693	32761	—	31967			49560
IF 650/65R34 CFO	DW23	650 25.6	1720 67.7	769 30.3	5033 198.2	161D	1.6	5780	5160	4740		4625	4210	7170	6010
							23	12740	11380	10450		10200	9280	15810	13250
IF 710/85R38 CFO	DW25B	730 28.7	2165 85.2	956 37.6	6294 247.8	178D	1.6	9380	8380	7690	—	7500	6830	11625	9750
							23	20660	18460	16940	—	16520	15040	25610	21480
IF 800/70R38 CFO	DW27B DW25B	820 32.3	2085 82.1	926 36.5	6144 241.9	184A8	2.4	11250	10050	9230	9000	—	—	13950	11700
						187A8	35	24780	22140	20330	19820	—	—	30730	25770
							41	26850	23990	22000	21480	—	—	33290	27920
IF 900/60R38 CFO	DW30B DW31B	880 34.6	2035 80.1	897 35.1	5998 236.1	184A8	2.4	11250	10050	9230	9000	—	8190	13950	11700
							35	24780	22140	20330	19820	—	18040	30730	25770
IF 580/85R42 CFO	DW20B	595 23.4	2040 80.3	918 36.1	6047 238.1	178D	2.8	9380	8380	7690	—	7500	—	11625	9750
							41	20660	18460	16940	—	16520	—	25610	21480
IF 710/75R42 CFO	DW25B	725 28.5	2150 84.6	951 37.4	6318 248.8	176D	1.6	8880	7930	7280	—	7100	6460	11005	9230
							23	19560	17470	16040	—	15640	14230	24240	20330

Highlighted loads are for speed 50kmph / 31mph

AGRIFLEX 372 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)						Cyclic*	
								Not high and sustained torque; Road transport							
				mm in	mm in		mm in	mm in	bar psi	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44
IF 420/85R28	W15 W14	448	1437	636	4261	145D	1.6	3630	3240	2970	—	2900	2640	2	4495
		17.6	56.6	25	167.8		23	8000	7140	6540	—	6390	5810	29	9900
IF 600/70R28	DW21B DW20B	625	1560	695	4597	164D	2.4	6250	5580	5130	—	5000	4550	3	7750
		24.6	61.4	27.4	181		35	13770	12290	11300	—	11010	10020	44	17070
IF 600/70R30	DW20	615	1610	720	4916	159D	1.6	5470	4890	4480	—	4375	3980	2	6781
							23	12050	10770	9870	—	9640	8770	29	14940
		24.2	63.4	28.3	193.6	165D	2.4	6440	5750	5280	—	5150	4690	3	7983
							35	14190	12670	11630	—	11340	10330	44	17580
IF 520/85R38	DW16L DW18L	540	1850	834	5482	167D	2.4	6810	6090	5590	—	5450	4960	3	8448
		21.3	72.8	32.8	215.8		35	15000	13410	12310	—	12000	10930	44	18610
IF 520/85R42	DW16L DW18L	540	1955	879	5825	169D	2.4	7250	6480	5950	—	5800	5280	3	8990
		21.3	77	34.6	229.3		35	15970	14270	13110	—	12780	11630	44	19800
IF 710/70R42 CFO	DW25B DW24B DW23B	745	2062	929	6131	179D	2.4	9690	8650	7940	—	7750	7050	3	12013
		29.3	81.2	36.6	241.4		35	21340	19050	17490	—	17070	15530	44	26460

AGRIFLEX 377

R-1

SB

STEEL BELTED



Alliance 377 is ideal for applications on combine harvesters. The tread pattern and lugs are designed to enable a comfortable and smooth ride on hard surfaces, combined with high traction and excellent self cleaning abilities off-road. Durable and elastic sidewalls contribute to a long tire life. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index	Inflation Pressure	Recommended Load						
						PR		Speed						
						Symbols		CFO*		Not high and sustained torque; Road transport				
		SW	OD				bar	15	30	10	15	20	65	70
		mm	mm	mm	mm			kmph	kmph	kmph	kmph	kmph	kmph	kmph
VF1050/50R32*						198				UNDER DEVELOPMENT				
VF1000/50R25*						184				UNDER DEVELOPMENT				
VF750/50R26*						159				UNDER DEVELOPMENT				

AGRI-STAR 375

R-1W

SB

SG

STEEL BELTED

STUBBLE GUARD



Agri-star 375 is dedicated for applications on combine harvesters, high HP tractors, big wagons, spreaders and sprayers. Specific tread pattern and tire construction enables use on multipurpose applications. The tread pattern and lugs are designed to enable a comfortable and smooth ride on hard surfaces, combined with high traction and excellent self cleaning abilities off-road. Durable and elastic sidewalls contribute to long tire life. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters.



375 COMBINE HARVESTER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Combine/Harvester low torque application								Inf. Press.	Cyclic Loading
		mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	10 6	15 9	25 16	30 19	35 22	40 25	50 31	65 40	bar psi	10 6
1000/50R25	36.0TH-1.5	1065	1660	753	5079	172A8/ 166D	2.4	9450	8440	6990	6740	6490	6300	6300	5300	2.9	10710
		41.9	65.4	29.6	200		35	20810	18590	15400	14850	14300	13880	13880	11670	42	23590
620/75R26	DW20B	625	1595	727	4816	166A8 /166B	3	7950	7100	5880	5670	5460	5300	5300	-	3.6	9010
	DW20A	24.6	62.8	28.6	189.6		44	17510	15640	12950	12490	12030	11670	11670	-	52	19850
	DW18L																
1050/50R32	36VA	1030	1906	871	5807	180A8	2.2	12000	10720	8880	8560	8240	8000	-	-	2.6	13600
		40.6	75	34.3	228.6		32	26430	23610	19560	18850	18150	17620	-	-	38	29960
650/75R32	DW21B	650	1830	836.4	5442	172A8	3.2	9450	8440	6990	6740	6490	6300	6300	-	3.84	10710
		25.6	72	32.9	214.3	172B	46	20810	18590	15400	14850	14300	13880	13880	-	56	23590
800/65R32	DW27A	812	1845	845	5529	172A8	2.4	9450	8440	6990	6740	6490	6300	6300	-	2.9	10710
		32	73.1	32.9	217.7	172B	35	20810	18590	15400	14850	14300	13880	13880	-	42	23590
800/70R32	DW27A	780	1935	877	5706	175A8	2.4	10350	9250	7660	7380	7110	6900	6900	-	2.9	11730
	DW27A	30.7	76.2	34.5	224.7	175B	35	22800	20370	16870	16260	15660	15200	15200	-	42	25840
	DW25																
900/60R32	DW27B	910	1905	844	5673	176A8	2.4	10650	9510	7880	7600	7310	7100	7100	-	2.9	12070
		DW28B	35.8	75	33.2	176B	35	23460	20950	17360	16740	16100	15640	15640	-	42	26590
		DW30B				182D	3.2	12750	11390	10070	9780	9520	9310	8930	8500	3.8	15830
900/75R32	DW30B					185A8	46	28080	25090	22180	21540	20970	20510	19670	18720	56	34870
		940	2155	963	6377	190A8	3.2	15900	14200	11770	11340	10920	10600	-	-	3.8	18020
		DH31H	37	84.8	37.9	251.1	46	35020	31280	25930	24980	24050	23350	-	-	56	39690
620/75R34	DW20A	610	1820	828	5435	170A8	3.2	9000	8040	6660	6420	6180	6000	6000	-	3.8	10200
		DW18A	24	71.7	32.6	170B	46	19820	17710	14670	14140	13610	13220	13220	-	56	22470
710/75R34	DW23A	720	1945	880	5789	178A8	3.2	11250	10050	8330	8030	7730	7500	7500	-	3.8	12750
		DW21A	28.3	76.6	34.6	178B	46	24780	22140	18350	17690	17030	16520	13220	-	56	28080
		MW23A															

375 TRACTOR

Size	Rim	Unloaded		Loaded	Rolling Circum	PR,Stars Load Index	Infl. press	Recommend load, kg (lbs)												
		dimension		Static				Speed, km/h (mph)												
		SW	OD	Radius				Not high and sustained torque; Road transport											Field operation	
																			Low Torque	High Tor
mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6					
1000/50R25	36.0HT-1.5	1060	1650	762	5079	172A8 172B	2.4	14490	9450	6990	6740	6300	6300	-	8820	7560	6740			
		41.7	65	30	200		35	31920	20810	15400	14850	13880	13880	-	19430	16650	14850			
620/75R26	DW20B	625	1595	727	4816	166A8	3	12190	7950	5880	5670	5300	5300	-	7420	6360	5670			
	DW20A	24.6	62.8	28.6	189.6	166B	44	26850	17510	12950	12490	11670	11670	-	16340	14010	12490			
	DW18L																			
1050/50R32	36VA	1030	1906	871	5807	180A8	2.2	18400	12000	8880	8560	8000	-	-	11200	9600	8560			
		40.6	75	34.3	228.6		32	40530	26430	19560	18850	17620	-	-	24670	21150	18850			
650/75R32	DW21B	650	1830	836.4	5442	172A8 172B	3.2	14490	9450	6990	6740	6300	6300	-	8820	7560	6740			
		25.6	72	32.9	214.3		46	31920	20810	15400	14850	13880	13880	-	19430	16650	14850			
800/65R32	DW27A	812	1845	845	5529	172A8 172B	2.4	14490	9450	6990	6740	6300	6300	-	8820	7560	6740			
		32	72.6	33.3	217.7		35	31920	20810	15400	14850	13880	13880	-	19430	16650	14850			
900/60R32	DW27B	910	1905	844	5673	176A8	2.4	16330	10650	7880	7600	7100	7100	-	9940	8520	7600			
	DW28B	35.8	75	33.2	223.3	176B	35	35970	23460	17360	16740	15640	15640	-	21890	18770	16740			
	DW30B					182D	3.2	19550	10070	9780	9520	9310	8930	8500	13030	11170	9960			
						185A8	46	43060	22180	21540	20970	20510	19670	18720	28700	24600	21940			
620/75R34	DW20A	610	1820	828	5435	170A8 170B	3.2	13800	9000	6660	6420	6000	6000	-	8400	7200	6420			
		24	71.7	32.6	214		46	30400	19820	14670	14140	13220	13220	-	18500	15860	14140			
710/75R34	DW23A	720	1945	880	5789	178A8 178B	3.2	17250	11250	8330	8030	7500	7500	-	10500	9000	8030			
		DW21A	28.3	76.6	34.6	227.9		46	38000	24780	18350	17690	16520	16520	-	23130	19820	17690		
520/85R46 (DES.375)	DW16 W15 DW18L	530	2050	941.2	6114	158A8	1.6	9780	6380	4720	4550	4250	3870	-	5950	5100	4550			
						155B	23	21560	14070	10410	10030	9370	8530	-	13120	11240	10030			

MULTISTAR 376

R-1

SG

SB

STUBBLE
GUARD

STEEL
BELTED



COMBINE
HARVESTER



2WD
TRACTOR



4WD
TRACTOR



TRAILER



MFWA



SPREADER



TANKER

Multistar 376 is dedicated to work on High Power Tractors, Combine Harvesters, Big Wagons and Spreaders. Specific tread pattern and tire construction enables wide multipurpose applications. Tread pattern with moderate non skid depth, and slightly round shoulders enables comfortable and smooth run on hard surfaces, as well as high traction and good self cleaning in the fields. Strong casing reinforced by steel belts guarantee stable tire dimensions, high puncture protection and huge tire to soil contact area. Long tread life is provided by special Stubble Guard rubber compound, and durable sidewall compound.



376 COMBINE HARVESTER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR,Stars Load Index	Infl. press	Recommend load, kg (lbs)										Inf. Press.	Cyclic Loading
		Speed, km/h (mph)																	
		Combine/Harvester low torque application																	
		SW	OD					10	15	25	30	35	40	50	65				
mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	6	9	16	19	22	25	31	40	bar psi	10				
750/50R26	DW25B	751	1420	642	4319	151D	2.4	6190	5530	4580	4410	4250	4125	3750	3420	2.9	7010		
	DW23B	29.6	55.9	25.3	170	157A8	35	13630	12180	10090	9710	9360	9090	8260	7530	42	15440		
1050/50R32	36VA	1050	1870	833	5656	185A8	3.2	13880	12400	10270	9900	9530	9250	8930	8500	3.8	15730		
		41.3	73.6	32.8	222.7	182D	46	30570	27310	22620	21810	20990	20370	19670	18720	56	34650		
680/85R32	DW21B	660	1960	882	5823	178A8	3.2	11250	10050	8330	8030	7730	7500	7500	—	3.8	12750		
		26	77.2	34.7	229.3		46	24780	22140	18350	17690	17030	16520	16520	—	56	28080		
900/60R32	DW27B DW28B DW30B	869 34.1	1894 74.7	850 33.5	5645 222.3	176D	2.4	10650	9510	8410	8170	7950	7770	7460	7100	2.9	12070		
							35	23460	20950	18520	18000	17510	17110	16430	15640	42	26590		
						182D	3.2	12750	11390	10070	9780	9520	9310	8930	8500	3.8	15830		
						185A8	46	28080	25090	22180	21540	20970	20510	19670	18720	56	34870		
						191D	4.4	17180	14600	12920	12540	-	11940	11450	10900	5	18530		
						194A8	64	37880	32190	28480	27650	-	26320	25240	24030	73	40850		

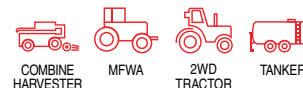
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR,Stars Load Index	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Not high and sustained torque; Road transport							
								mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	15 9	30 19
IF 1050/50R32 CFO	36VA	1050	1860	833	5649	195A8	4	18830	15800	15190	13570	12450	12150		
		41.3	73.2	32.8	222.4		58	41510	34830	33490	29920	27450	26790		

376 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
								Not high and sustained torque; Road transport										Field operation
							Low Torque											High To
							mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40
900/60R32	DW27B					176D	2.4	16330	10650	8410	7210	7770	7460	7100	9940	8520	7600	
		865 34.1	1898 74.7	852 33.5	5645 222.3	35	35970	23460	18520	15880	17110	16430	15640	21890	18770	16740		
						182D	3.2	19550	12750	10070	8630	9270	8930	8500	12980	11120	9920	
						185A8	46	43060	28080	22180	19010	20420	19670	18720	28590	24490	21850	
1050/50R32	36VA	1050 41.3	1870 73.6	833 32.8	5656 222.7	185A8	3.2	21280	13880	10270	9900	9250	8930	8500	12950	11100	9900	
						182D	46	46870	30570	22620	21810	20370	19670	18720	28520	24450	21810	
620/70R46	DW20B	620 24.4	2060 81.1	940 37	6140 241.7	159D	1.6	10060	6560	5180	4440	4750	4590	4375	6650	5700	5080	
						162A8	23	22160	14450	11410	9780	10460	10110	9640	14650	12560	11190	

360 R-1W SG

STUBBLE
GUARD



Alliance 360 is an extra wide agricultural tractor drive radial tire for harvester applications. It is characterized by increased load capacity for the same inflation pressure. Low inflation pressure combined with large footprint reduces soil compaction. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters. The tire traction efficiency is increased by an effective traction/slip characteristic. Low angled lugs at the shoulder area improve traction, while higher angles around the tire center line improve ride comfort. Strong radial construction with reinforced beads and sidewalls provide long tire life.



360 COMBINE HARVESTER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Inf. Press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
				Combine/Harvester low torque application										Inf. Press.	Cyclic Loading		
		mm in	mm in	mm in	mm in		bar psi	10 6	15 9	25 16	30 19	35 22	40 25			50 31	65 40
#800/65R32	DW27	800	1850	825	5533	181A8	3.6	12380	11390	9160	8830	8500	8250	7510	-	4.3	14030
		31.5	72.8	32.5	217.8	178B	52	27270	25090	20180	19450	18720	18170	16540	-	63	30900

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
									Speed, km/h (mph)									
		SW	OD						Free rolling					Drive wheel				
		mm in	mm in	mm in	mm in		Load index	bar psi	10 6	25 16	30 19	40 25	Cyclic	10 6	25 16	30 19	40 25	Cyclic
		speed Sym																
540/65R30	W16L	560	1486	670	4421	-	168A8	2.4	7840	6660	6270	5600	9410	5600	4760	4480	4000	8010
	W18L	22	58.5	26.4	174		156A8	35	17270	14670	13810	12330	20730	12330	10480	9870	8810	17640

360 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque; Road transport							Field operation		
											Low Torque		High To				
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6	
620/75R26	DW20B	625	1590	716	4685	167A8	3.2	12540	8180	6050	5830	5450	5000	7630	6540	5830	
		24.6	62.6	28.2	184.4	164B	46	27620	18020	13330	12840	12000	11010	16810	14410	12840	
750/65R26 (28LR26)	DW25A DW23A	751 29.6	1623 63.9	723 28.5	4817 189.6	158A8	1.2	9780	6380	4720	4550	4250	3870	5950	5100	4550	
						155B	17	21540	14050	10400	10020	9360	8520	13110	11230	10020	
						166A8	2.4	12190	7950	5880	5670	5300	4820	7420	6360	5670	
						163B	35	26850	17510	12950	12490	11670	10620	16340	14010	12490	
						173A8	3	14950	9750	7220	6960	6500	5920	9100	7800	6960	
						170B	44	32930	21480	15900	15330	14320	13040	20040	17180	15330	
						177B*	-----UNDER DEVELOPMENT-----										
540/65R28	W16 W15L	550	1413	637	4166	137A8	1.2	5290	3450	2550	2460	2300	2090	3220	2760	2460	
		21.7	55.6	25.1	164	134B	17	11650	7600	5620	5420	5070	4600	7090	6080	5420	
24.5R32	DW21A DW20A	622	1800	801	5264	**											
		24.5	70.9	31.5	207.2	159A8	1.6 23	10060 22160	6560 14450	4860 10700	4680 10310	4375 9640	3980 8770	6130 13500	5250 11560	4680 10310	
650/75R32	DW21A DW20A	625	1800	801	5357	172A8	3.2	14490	9450	6990	6740	6300	6300	8820	7560	6740	
		24.6	70.9	31.5	210.9	172B	46	31920	20810	15400	14850	13880	13880	19430	16650	14850	
						159A8	1.6	10060	6560	4860	4680	4375	3980	6130	5250	4680	
						156B	23	22160	14450	10700	10310	9640	8770	13500	11560	10310	
						**											
30.5LR32	DH27 DW27A Reinforced Rim	775 30.5	1820 71.7	809 31.9	5474 215.5	167A8	1.6	12540	8180	6050	5830	5450	4960	7630	6540	5830	
						164B	23	27620	18020	13330	12840	12000	10930	16810	14410	12840	

						170A8	2	13800	9000	6660	6420	6000	5460	8400	7200	6420	
						167B	29	30400	19820	14670	14140	13220	12030	18500	15860	14140	
						173A8	2.4	14950	9750	7220	6960	6500	5920	9100	7800	6960	
						170B	35	32930	21480	15900	15330	14320	13040	20040	17180	15330	
	</																

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		Not high and sustained torque; Road transport														
								Low Torque		High Tor						
		SW mm in	OD mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6
600/65R38	W18L	591	1745	795	5318	147A8	1.2	7070	4610	3410	3290	3075	2800	4310	3690	3290
	W16L	23.3	68.7	31.3	209.4	144B	17	15570	10150	7510	7250	6770	6170	9490	8130	7250
650/65R38	DW20A	645 25.4	1835 72.2	830 32.7	5500 216.5	154A8	1.2	8630	5630	4160	4010	3750	3410	5250	4500	4010
						151B	17	19010	12400	9160	8830	8260	7510	11560	9910	8830
						178A8	3.5	17250	11250	8330	8030	7500	6890	10500	9000	8030
						175B	51	38000	24780	18350	17690	16520	15180	23130	19820	17690
						166A8	1.9	12190	7950	5880	5670	5300	4820	7420	6360	5670
620/70R42	DW20	650 25.6	1940 76.4	883 34.8	5754 226.5	163B	28	26850	17510	12950	12490	11670	10620	16340	14010	12490
						173A8	2.7	14950	9750	7220	6960	6500	5920	9100	7800	6960
						170B	39	32930	21480	15900	15330	14320	13040	20040	17180	15330
650/65R42	DW20	650	1940	883	5869	170A8	3.2	13800	9000	6660	6420	6000	5460	8400	7200	6420
	DW18	25.6	76.4	34.8	231.1	167 B	46	30400	19820	14670	14140	13220	12030	18500	15860	14140

360 TRACTOR RADIAL HIGH SPEED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		1) Not high and sustained torque; 2) Road transport														
		Non cyclic operation					Cyclic operation									
		SW	OD				bar psi	Field	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9
480/65R24	W15	479	1234	555	3633	133D	1.6	2370	2440	2260	2160	2060	1870	2	3500	3190
	W14L	18.9	48.6	21.9	143	136A8	23	5220	5370	4980	4760	4540	4120	29	7710	7030
600/65R28						150A8	1.8	3450	3560	3290	3150	3000	2730	2.3	5100	4650
	W18L	591	1480	655	4481	146D	26	7600	7840	7250	6940	6610	6010	33	11230	10240
	W16L	23.3	58.3	25.8	176.4	157A8	2.4	4310	4440	4110	3940	3750	3410	3	6380	5810
						154D	35	9490	9780	9050	8680	8260	7510	44	14050	12800
650/75R32	DW21A	625	1800	801	5357	172D	3.2	7250	7470	6900	6620	6300	5730	4	10710	9770
	DW20A	24.6	70.9	31.5	210.9	175A8	46	15970	16450	15200	14580	13880	12620	58	23590	21520
						159A8*	-----UNDER DEVELOPMENT-----									
800/65R32	DW27B DH25B DH27B	800 31.5	1850 72.8	825 32.5	5533 217.8	166D	1.6	6100	6280	5800	5570	5300	4820	2	9010	8220
						169A8	23	13440	13830	12780	12270	11670	10620	29	19850	18110
						173D	2.4	7480	7700	7120	6830	6500	5920	3	11050	10080
						176A8	35	16480	16960	15680	15040	14320	13040	44	24340	22200
						175D	3.1 45	7940 17490	8180 18020	7560 16650	7250 15970	6900 15200	6280 13830	3.9 57	11730 25840	10700 23570
						Reinforced Rim										
540/65R38	W16L	550	1675	767	4987	147D	1.6	3540	3640	3370	3230	3075	2800	2	5230	4770
	W18L	21.7	65.9	30.2	196.3	150A8	23	7800	8020	7420	7110	6770	6170	29	11520	10510
650/65R38	DW20A	645	1835	733	5009	171D	3.5	7070	7290	6730	6460	6150	5600	4.4	10460	9530
		25.4	72.2	28.9	197.2		51	15570	16060	14820	14230	13550	12330	63	23040	20990
710/70R38	DW23A	716 28.2	1948 76.7	877 34.5	5897 232.2	166D	1.6	6100	6280	5570	5570	5300	4820	2	9010	8220
						168A8	23	13440	13830	12270	12270	11670	10620	29	19850	18110
						171D	2.4	7070	7290	6730	6460	6150	5600	3	10460	9530
						174A8	35	15570	16060	14820	14230	13550	12330	44	23040	20990
						178D	2.8	8630	8890	8210	7880	7500	6830	3.5	12750	11630
						181A8	41	19010	19580	18080	17360	16520	15040	51	28080	25620

YIELD MASTER 349 R-1



Yield Master 349 is constructed with robust nylon casing and a strong bead to guard the tire against mechanical failures under tough working environments. This is a premium bias harvester tire. The 23° lug angle enables high overall traction and even wear, saving time and fuel in the field. The close lug spacing of the tire reduces vibration. The tire's long tread bar design enables more grip and better ground contact.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommended load , kg (lbs)				
		SW	OD						Speed, km/h (mph)				
		mm in	mm in				mm in	mm in	Static	10 6	20 12	25 16	30 19
23.1-26	DW20B					14	156A6	2	9200	5600	4800	4280	4000
		592	1605	722	4730	-	-	29	20280	12350	10580	9440	8820
		23.3	63.2	28.4	186.2	16	159A6	2.3	10060	6130	5250	4680	4375
								33	22180	13510	11570	10320	9650
28L-26	DW25A	725	1630	725	4767	12	-	1.4	3350	-	-	-	-
		28.5	64.2	28.5	187.7		-	20	7380	-	-	-	-
30.5L-32	DW27A					12	-	1.4	-	-	-	-	4240
							-	20	-	-	-	-	9350
		775	1845	827	5421	16	166A6	1.7	-	-	-	-	5300
		30.5	72.6	32.6	213.4			25	-	-	-	-	11670
						18	170A6	2.1	-	-	-	-	6000
								30					13220

570 R-1



Alliance 570 is specially designed for Combine Harvester rear axle as either a free rolling or drive wheel. The tire is built to provide high load carrying capability at low inflation pressure thus applying minimum ground pressure and reducing soil damage.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Free/ Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		Free rolling						Drive Wheel									
		SW	OD														
		mm in	mm in	mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	30 19	40 25	Cyclic	10 6	25 16	30 19	40 25	Cyclic
500/70R24 IMP	W16L	495	1312	569	3905	164A8 (FR)	2.8	7000	5950	5600	5000	8400	5430	4610	4340	3875	7760
	W15L	19.5	51.7	22.4	153.7	155A8 (DW)	41	15420	13110	12330	11010	18500	11010	10150	9560	8540	17090
500/85R24 IMP	W16L	528	1458	625	4365	171A8 (FR)	2.8	8610	7320	6890	6150	10330	5950	5060	4760	4250	8510
	W15L	20.8	57.4	24.6	171.9	158A8 (DW)	41	18960	16120	15180	13550	22750	13550	11150	10480	9360	18740
500/85R30 IMP	W16L	505	1602	698	4802	176A8 (FR)	2.8	9940	8450	7950	7100	11930	8400	7140	6720	6000	12010
	W15L	19.9	63.1	27.5	189	170A8 (DW)	41	21890	18610	17510	15640	26280	15640	15730	14800	13220	26450
620/70R30 IMP	DW20B	608	1622	727	4835	178A8 (FR)	2.5	10500	8930	8400	7500	12600	7420	6310	5940	5300	10610
	DW18L	23.9	63.9	28.6	190.4	166A8 (DW)	36	23130	19670	18500	16520	27750	16520	13900	13080	11670	23370

336 IMP

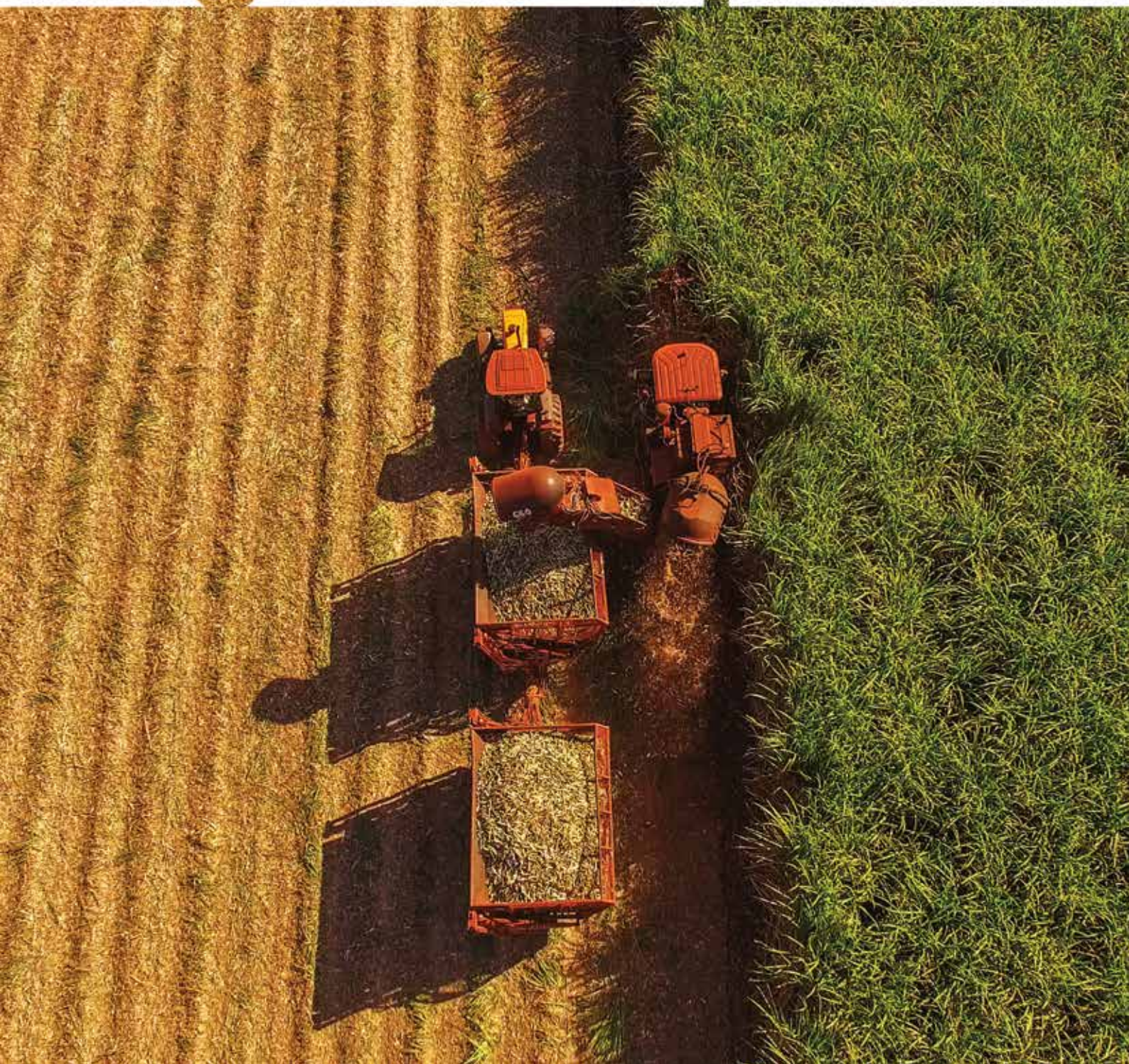


Alliance 336 is tough cross ply tire for implement as well as mid range combine harvesters. It provides better traction , self cleaning with higher stability. This tire needs low maintenance time due to minimum wear leading longer life.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index PR Symbols	Infl. Press.	Recommended Load											
		Speed, km/h (mph)																	
		SW	OD	Drive wheel					Free rolling										
		mm	mm	mm	mm		mm	mm	bar	10	20	25	30	40	10	20	25	30	40
		in	in	in	in		in	in	psi	6	12	16	19	25	6	12	16	19	25
360/80-20 (14.5/75-20)	W11	358	1100	486	3235	8PR	2.3	2520	2265	2140	2015	1800	3605	3245	3065	2885	2575		
		14.1	43.3	19.1	127.4	141A8	33	5560	4990	4720	4440	3970	7950	7150	6760	6360	5680		
						128A8													

Agri Transport



RADIAL FLOTATION

380

I-3



FLOTATION



Alliance 380 Implement Flotation tire provides full soil protection and flotation tire characteristics in field. The tire's high-speed steel belted radial flotation construction, combined with specific casings construction and special rubber compound enables it to run at high speed on road. Deep non-directional lug type pattern enables high mobility in field including significant traction ability as well as comfortable smooth movement on road. Heavy duty tires are best suited for tough applications compared to the standard range.



380 HS# MPT



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)													
		SW	OD					Speed, km/h (mph)													
								Mixed application													
		mm in	mm in	mm in	mm in			Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 44	80 50	90 56	100 62	
600/50R22.5 MPT	AG20.00	608	1172	539	3610	164J	6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000	
	20.00DC	23.9	46.1	21.2	142.1		94	27530	19820	18550	14870	13770	12670	12330	12110	11960	11780	11450	11230	11010	

For Fertilizer Truck only.

380 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW mm in	OD mm in					Speed, km/h (mph)							
								Mixed application							
				Static	10 6			25 16	30 19	40 25	50 31	60 37	65 40		
560/45R22.5	AG 16.00	543	1075	485	3265	152D	4	8170	6390	5610	5360	4830	4300	3800	3550
		21.4	42.3	19.1	128.5		58	18010	14090	12370	11820	10650	9480	8380	7830
560/60R22.5	AG16.00	554	1245	555	3773	172D	5	14490	11340	9950	9510	8570	7620	6740	6300
		21.8	49	21.9	148.5		73	31920	24980	21920	20950	18880	16780	14850	13880
						164D	4	11500	9000	7900	7550	6800	6050	5350	5000
						161E	58	25330	19820	17400	16630	14980	13330	11780	11010
600/50R22.5 Steel Belted	AG20.00	611	1172	527	3611	167D	5	12540	9810	8610	8230	7410	6590	5830	5450
		24.1	46.1	20.7	142.2		73	27620	21610	18960	18130	16320	14520	12840	12000
						166*	-----UNDER DEVELOPMENT-----								
750/45R22.5	AG24.00	745	1250	557	3843	177D	5	16790	13140	11530	11020	9930	8830	7810	7300
		29.3	49.2	21.9	151.3	174E	73	36980	28940	25400	24270	21870	19450	17200	16080
600/55R26.5 Steel Belted	AG 20.00	624	1350	606	4136	177D	5	16790	13140	11530	11020	9930	8830	7810	7300
		24.6	53.1	23.9	162.8		73	36980	28940	25400	24270	21870	19450	17200	16080
650/55R26.5 Steel Belted	AG 20.00	641	1367	614	4165	178D	5	17250	13500	11850	11330	10200	9080	8030	7500
		25.2	53.8	24.2	164		73	38000	29740	26100	24960	22470	20000	17690	16520
650/60R26.5 Steel Belted	AG20.00	660	1450	649	4432	181D	5	18980	14850	13040	12460	11220	9980	8830	8250
		26	57.1	25.6	174.5		73	41810	32710	28720	27440	24710	21980	19450	18170
650/65R26.5 Steel Belted	AG 20.00	664	1522	688	4589	181D	5	18980	14850	13040	12460	11220	9980	8830	8250
		26.1	59.9	27.1	180.7		73	41810	32710	28720	27440	24710	21980	19450	18170
710/50R26.5 Steel Belted	AG24.00	729	1401	634	4291	178D	5	17250	13500	11850	11330	10200	9080	8030	7500
		28.7	55.2	25	168.9		73	38000	29740	26100	24960	22470	20000	17690	16520
650/65R30.5 Steel Belted	AG 20.00	676	1628	741	4881	181D	5	18980	14850	13040	12460	11220	9980	8830	8250
		26.6	64.1	29.2	192.2		73	41810	32710	28720	27440	24710	21980	19450	18170
800/60R32	DW27A	805	1800	812	5384	185D	4	21280	16650	14620	13970	12580	11190	9900	9250
		31.7	70.9	32	212		58	46870	36670	32200	30770	27710	24650	21810	20370

380 STANDARD

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
								Mixed application								
		SW mm in	OD mm in	mm in	mm in			Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44
550/45R22.5 Steel Belted	AG16.00	550	1070	489	3275	151E	4	7940	6520	5940	5520	5000	4490	4000	3760	3450
		21.7	42.1	19.3	128.9		58	17490	14360	13080	12160	11010	9890	8810	8280	7600
560/60R22.5 Steel Belted	AG16.00	554	1245	559	3849	161E	4	10640	8740	7960	7400	6710	6010	5410	5040	4625
		21.8	49	22	151.5		58	23440	19250	17530	16300	14780	13240	11920	11100	10190

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Mixed application							
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40
600/60R30.5 Steel Belted	AG20.00	630	1510	685	4587	179D	5	17830	13950	12250	11700	10540	9380	8290	7750
		24.8	59.4	27	180.6		73	39270	30730	26980	25770	23220	20660	18260	17070
710/50R30.5 Steel Belted	AG24.00	725	1502	676	4576	184D	5	18630	14580	12800	12230	11020	9800	8670	9000
		28.5	59.1	26.6	180.2		73	41040	32110	28190	26940	24270	21590	19100	19820
750/60R30.5 Steel Belted	24.00DC	770	1685	751	5136	190D	5	24380	19080	16750	16010	14420	12830	11340	10600
		30.3	66.3	29.6	202.2		73	53700	42030	36890	35260	31760	28260	24980	23350

390 STANDARD

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		Mixed application														
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44
435/50R19.5*						173		-----UNDER DEVELOPMENT-----								
500/60R22.5 Steel Belted	16.00DC	510	1180	529	3616	155D	4	8910	6980	6120	5850	5270	4690	4150	3875	—
		20.1	46.5	20.8	142.4		58	19630	15370	13480	12890	11610	10330	9140	8540	—
560/45R22.5 Steel Belted	AG 16.00	545	1078	483	3291	152D	4	8170	6390	5610	5360	4830	4300	3800	3550	—
		21.5	42.4	19	129.6		58	18000	14070	12360	11810	10640	9470	8370	7820	—
560/60R22.5 Steel Belted	AG 16.00	572	1252	558	3808	164D	4	11500	9000	7900	7550	6800	6050	5350	5000	—
		22.5	49.3	22	149.9		58	25330	19820	17400	16630	14980	13330	11780	11010	—
580/65R22.5 Steel Belted	AG16.00	582	1312	582	3984	166D	4	12190	9540	8370	8000	7210	6410	5670	5300	—
		22.9	51.7	22.9	156.8		58	26850	21010	18440	17620	15880	14120	12490	11670	—
600/50R22.5 Steel Belted	20.00DC	583	1171	531	3605	159E	4	10060	8270	7310	7000	6340	5690	5080	4770	4375
		23	46.1	20.9	141.9		58	22160	18220	16100	15420	13960	12530	11190	10510	9640
28LR26 Steel Belted	DW25	727	1542	688	4520	176A8	2.8	11800	10010	8510	8010	7150	6510	—	—	—
		28.6	60.7	27.1	178	173B	41	25990	22050	18740	17640	15750	14340	—	—	—
620/75R26 (23.1R26) Steel Belted	DW20B					174D	4	15410	12060	10590	10120	9110	8110	7170	6700	—
		620	1590	707	4732	153A8	58	33940	26560	23330	22290	20070	17860	15790	14760	—
		24.4	62.6	27.8	186.3		24	13260	11260	9560	9010	8040	8040	-	-	—
710/65R26 Steel Belted	DW25	710	1545	690	4708	176D	4	16330	12780	11220	10720	9660	8590	7600	7100	—
		28	60.8	27.2	185.4		58	35970	28150	24710	23610	21280	18920	16740	15640	—
600/55R26.5 Steel Belted	AG 20.00	624	1355	613	4105	165D	4	11850	9270	8140	7780	7000	6230	5510	5150	—
		24.6	53.3	24.1	161.6		58	26100	20420	17930	17140	15420	13720	12140	11340	—
650/55R26.5 Steel Belted	20.00DC	660	1395	629	4266	170D	4	13800	10800	9480	9060	8160	7260	6420	6000	—
		26	54.9	24.8	167.9		58	30400	23790	20880	19960	17970	15990	14140	13220	—
710/50R26.5 Steel Belted	24.00DC	730	1390	627	4249	172D	4	14490	11340	9950	9510	8570	7620	6740	6300	—
		28.7	54.7	24.7	167.3		58	31920	24980	21920	20950	18880	16780	14850	13880	—
800/45R26.5 Steel Belted	28.00DC	810	1390	627	4100	177D	4	16790	13140	11530	11020	9930	8830	7810	7300	—
		31.9	54.7	24.7	161.4		58	36980	28940	25400	24270	21870	19450	17200	16080	—
600/60R30.5 Steel Belted	20.00DC	635	1505	683	4587	173D	4	14950	11700	10270	9820	8840	7870	6960	6500	—
		25	59.3	26.9	180.6		58	32930	25770	22620	21630	19470	17330	15330	14320	—
710/50R30.5 Steel Belted	24.00DC	727	1495	680	4576	176D	4	16330	12780	11220	10720	9660	8590	7600	7100	—
		28.6	58.9	26.8	180.2		58	35970	28150	24710	23610	21280	18920	16740	15640	—
750/60R30.5 Steel Belted	24.00DC	780	1675	756	5136	181D	4	18980	14850	13040	12460	11220	9980	8830	8250	—
		30.7	65.9	29.8	202.2		58	41810	32710	28720	27440	24710	21980	19450	18170	—
850/50R30.5 Steel Belted	28.00DC	882	1653	742	4860	182D	4	19550	15300	13430	12840	11560	10290	9100	8500	—
		34.7	65.1	29.2	191.3		58	43060	33700	29580	28280	25460	22670	20040	18720	—
30.5LR32 Steel Belted	DW 27A	790	1800	805	5431	181B	3	18980	13120	11300	10730	9490	8250	—	—	—
		31.1	70.9	31.7	213.8		44	41810	28900	24890	23630	20900	18170	—	—	—
800/60R32 Steel Belted	DW 27A	800	1800	806.22	5424	184D	4	20700	16200	14220	13590	12240	10890	9630	9000	—
		31.5	70.9	31.7	213.6		58	45590	35680	31320	29930	26960	23990	21210	19820	—

390 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circm.	LI/LS	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
								Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37	65 41	70 44	80 50
		mm in	mm in	mm in			bar psi											
24R20.5	18	605	1372	620	4208	176F	6	17750	12780		9590	8880	8170	7950	7810	7630	7460	7100
		23.8	54	24.4	165.7		87	39130	28180		21140	19580	18010	17530	17220	16820	16450	15650
#500/45R22.5 MPT ALL STEEL	AG16.00	508	1025	472	3158	154F	6	9380	6750	—	5060	4690	4310	4200	4130	4030	3940	3750
		20	40.4	18.6	124.3		87	20660	14870	—	11150	10330	9490	9250	9100	8880	8680	8260
#600/50R22.5 MPT ALL STEEL	20.00DC	585	1180	539	3605	166F	6	13250	9540	8745	7155	6625	6095	5936	5830	5698	5565	5300
		23	46.5	21.2	141.9		87	29190	21010	19260	15760	14590	13430	13070	12840	12550	12260	11670
620/75R26 (23.1R26) MPT	DW20B	630	1585	734	4860	172F	6	15750	11340		8510	7880	7250	7060	6930	6770	6620	6300
		24.8	62.4	28	191.343		87	34690	24980		18740	17360	15970	15550	15260	14910	14580	13880

382 MPT

I-2

SC

AS

FLOTATION

SPECIAL COMPOUND

ALL STEEL



Alliance 382 MPT from the radial flotation tire series is designed to optimize the efficiency of agricultural transportation. The Alliance 382 is an all-steel construction tire with specific casing and special rubber compounds. Deep non-directional block type pattern enables comfortable high-speed driving on road, as well as high mobility in the fields with low resistance for on road applications.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circm.	LI/LS	Infl. press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
		mm in	mm in	mm in			bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37	65 41	70 44	80 50	90 56	100 63
400/55R22.5 MPT	13.00DC				3150	146J	6	7500	5400	5050	4050	3750	3450	3360	3300	3260	3210	3120	3060	3000
					124		87	16520	11890	11120	8920	8260	7600	7400	7270	7180	7070	6870	6740	6610
		404	1020	474	3088	148F	6	7880	5670	5200	4250	3940	3620	3530	3470	3390	3310	3150	—	—
		15.9	40.2	18.7	121.6		87	17360	12490	11450	9360	8680	7970	7780	7640	7470	7290	6940		
600/50R22.5 MPT	20.00DC	600	1170	535	3587	164J	6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000
		23.6	46.1	21.1	141.2		94	27530	19820	18550	14870	13770	12670	12330	12110	11960	11780	11450	11230	11010

398 MPT

I-3

AS

FLOTATION

ALL STEEL

Alliance 398 MPT Flotation Radial is a unique High-Speed tire designed for performance on road as truck tires do and at the same works seamlessly on agricultural fields. The tire minimizes soil compaction and functions as a modern flotation radial tire. It boasts of an all-steel construction and is capable of higher speeds. It provides maximum traction and high flotation for field use. Its advanced tread pattern enables outstanding grip, as well as smooth and comfortable drive on road.



TRAILER

ARTICULATED DUMP TRUCK

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)												
		Speed, km/h (mph)																		
		Mixed Application																		
		SW	OD					Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 44	80 50	90 56	100 62
mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 44	80 50	90 56	100 62		
445/65R22.5 MPT ALL STEEL	14	455	1166	532	3592	160J	6.0	11250	8100	7570	6080	5630	5180	5040	4950	4880	4820	4680	4590	4500
	13	17.9	45.9	21	141.4		87	24780	17840	16670	13390	12400	11410	11100	10900	10750	10620	10310	10110	9910
#600/50R22.5 MPT ALL STEEL	AG24.00	620	1172	541	3605	164J	6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000
	20	24.4	46.1	21.3	141.9		94	27530	19820	18550	14870	13770	12670	12330	12110	11960	11780	11450	11230	11010

Size available in this design

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)												
								Speed, km/h (mph)												
		Mixed Application																		
		SW mm in	OD mm in				mm in	mm in	Bar psi	Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 44	80 50
445/70R24 MPT ALL STEEL	W14L	455	1242	573	3785	151J	4.5	8630	6210	5810	4660	4310	3970	3860	3800	3740	3690	3590	3520	3450
	DW15L	17.9	48.9	22.6	149		65	19010	13680	12800	10260	9490	8740	8500	8370	8240	8130	7910	7750	7600
495/70R24 MPT ALL STEEL	W16L																			
	DW15L	512	1310	603	3849	155J	4.5	9690	6980	6520	5230	4840	4460	4340	4260	4200	4150	4030	3950	3875
	DW16L	20.2	51.6	23.6	158.1		65	21340	15370	14360	11520	10660	9820	9560	9380	9250	9140	8880	8700	8540
	W14L																			

392
FLOTATION

I-2

C+C

CUT & CHIP RESISTANT
COMPOUND

AS

ALL
STEEL



392 is an all steel tire with an F speed rating for high speed agri-transport operations. High load carrying capacity, protection against cuts & punctures, low soil compaction and low rolling resistance are some of its key features. It is suitable for heavy duty applications. Its unique tread design ensures high traction in all terrains. It is suitable for sandy and soft soil operations.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
				Mixed Application													
				mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44
24R20.5 MPT	18	600	1372	624	4221	176F	6	17750	12780	9590	8880	8170	7950	7810	7630	7460	7100
							87	39130	28180	21140	19580	18010	17530	17220	16820	16450	15650

391
FLOTATION

HF-1

AS

ALL
STEEL

The Alliance 391 for feeder application excels in high load carrying capacity that is provided by state of the art all steel construction, low heat build-up and good self-cleaning preventing stone trapping. The purpose built design of the sidewall contribute to sidewall protection and stability of the feeder.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
				Mixed Application															
				mm in	mm in		mm in	mm in	Bar psi	Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 44
435/50R19.5*						173		-----UNDER DEVELOPMENT-----											

393

I-2

SB

FLOTATION

STEEL
BELTED

Alliance 393 combines the best characteristics of flotation tires and radial construction in order to provide superior performance on road and in field applications.

The tire's strong fabric carcass is reinforced by steel belts. This pattern is characterized by directional block configuration ensuring the best possible self cleaning ability and assists in maintaining on-road direction. Due to its huge internal volume, the tire is also characterized by low inflation pressure of up to 3 bar (43.5 psi) promising low soil compaction for the highest possible load capacity. This tire's stiffness is increased in both radial and lateral directions by additional ply added to the basic carcass.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Inf. Press.	Recommend load, kg (lbs)										Field Service Max Cyclic Load	
		Speed, km/h (mph)																	
		Mixed Application																	
		Speed																	
		SW	OD					Static	10 6	25 16	30 19	40 25	50 31	60	65	70	10 km/h 6 mph	15 km/h 10 mph	
		mm in	mm in	mm in	mm in		bar psi												
35.5LR32	DH31	925	1986	863.9	5952	190D	3	22360	15900	12560	12190	11500	11130	10760	10600	9720	17940	16330	
(900/65R32)	DW31	36.4	78.2	34	234.7	193A8	44	49300	35050	27690	26870	25350	24540	23720	23370	21430	39510	35970	
	DW30																		

388

I-3

SB

FLOTATION

STEEL
BELTED

Alliance 388 is designed to meet the requirement of severe agricultural applications ranging from spreaders to special trailers (eg. for sugar cane production and implements). The directional tread pattern provides moderate traction as well as efficient self-cleaning. The tire's large soil contact area, strong rounded lugs and low inflation pressure promises low ground pressure thus minimizing soil compaction and damage. Dense lug distribution around the tire enables smooth and efficient movement on roads.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		Mixed application														
		SW	OD	mm in	mm in		mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37
mm in	mm in															
500/60R22.5	AG16.00	503 19.8	1172 46.1	515 20.3	3198 125.9	146D	2.8	6900	5400	4740	4530	4080	3630	3210	3000	2730
							41	15200	11890	10440	9980	8990	8000	7070	6610	6010
						155D	4	8910	6980	6120	5850	5270	4690	4150	3875	3530
							58	19630	15370	13480	12890	11610	10330	9140	8540	7780
560/60R22.5	AG16.00	538 21.2	1230 48.4	545 21.5	3721 146.5	151D	2.8	7940	6210	5450	5210	4690	4170	3690	3450	3140
							41	17490	13680	12000	11480	10330	9190	8130	7600	6920
						156D	3.8	9200	7200	6320	6040	5440	4840	4280	4000	3640
							55	20260	15860	13920	13300	11980	10660	9430	8810	8020
#600/50R22.5	AG20.00	595 23.4	1168 46	526 20.7	3540 139.4	156D	3.6	9200	7200	6320	6040	5440	4840	4280	4000	3640
							52	20260	15860	13920	13300	11980	10660	9430	8810	8020
						159D	4	10060	7880	6910	6610	5950	5290	4680	4375	3980
							58	22160	17360	15220	14560	13110	11650	10310	9640	8770
710/45R22.5	AG24.00	711 28	1210 47.6	536.4 21.1	3681 144.9	156D	2.8	9200	7200	6320	6040	5440	4840	4280	4000	3640
							41	20260	15860	13920	13300	11980	10660	9430	8810	8020
600/55R26.5	AG20.00	603 23.7	1340 52.8	601 23.7	4100 161.4	165D	4	11850	9270	8140	7780	7000	6230	5510	5150	4690
							58	26100	20420	17930	17140	15420	13720	12140	11340	10330
650/65R26.5	20.00DC	651 25.6	1500 59.1	661 26	4509 177.5	165D	2.8	11850	9270	8140	7780	7000	6230	5510	5150	4690
							41	26100	20420	17930	17140	15420	13720	12140	11340	10330
750/55R26.5	AG24.00	756 29.8	1498 59	662 26.1	4462 175.7	164D	2.4	11500	9000	7900	7550	6800	6050	5350	5000	4550
							35	25330	19820	17400	16630	14980	13330	11780	11010	10020
600/65R34	DW20 DW18	610 24	1650 65	747.9 29.4	5101 200.8	161D	2.4	10640	8330	7310	6980	6290	5600	4950	4625	4210
							35	23440	18350	16100	15370	13850	12330	10900	10190	9270
						164D	2.8	11500	9000	7900	7550	6800	6050	5350	5000	4550
							41	25330	19820	17400	16630	14980	13330	11780	11010	10020

not available in steel belt

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		Mixed application														
		SW mm in	OD mm in					mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	60 37
650/60R34	DW20 DW23 DW18	660 26	1650 65	760.4 29.9	5117 201.5	172D	3.6	14490	11340	9950	9510	8570	7620	6740	6300	5730
							52	31920	24980	21920	20950	18880	16780	14850	13880	12620
						175D	4	15870	12420	10900	10420	9380	8350	7380	6900	6280
							58	34960	27360	24010	22950	20660	18390	16260	15200	13830
710/55R34	DW24	712	1656	720	4910	169D	2.8	13340	10440	9160	8760	7890	7020	6210	5800	5280
		28	65.2	28.3	193.3		41	29380	23000	20180	19300	17380	15460	13680	12780	11630
800/50R34	DW25	800	1659	746	5088	168D	2.4	12880	10080	8850	8460	7620	6780	5990	5600	5100
		31.5	65.3	29.4	200.3		35	28370	22200	19490	18630	16780	14930	13190	12330	11230
850/45R34	DW28	843	1657	738	4849	168D	2.1	12880	10080	8850	8460	7620	6780	5990	5600	5100
		33.2	65.2	29.1	190.6		30	28370	22200	19490	18630	16780	14930	13190	12330	11230

885

FLOTATION

I-3

SB

STEEL BELTED

The Alliance 885 is a new generation tire engineered for light duty applications like balers, grain wagons, cultivators, fast moving small agricultural trailers, wagons, grassland trailers etc. It has high load carrying capacity and working speeds and superior distribution of pressure on the surface. High crown radius provides maximum footprint area which adds to the flotation characteristic. Its large lug contact area at the center line enables smooth and comfortable run on road. Rounded shoulders cause least possible damage to soil and plants. Lower rolling resistance enhances fuel efficiency of prime movers. Strong nylon/polyester casing and strong tread compound provides higher wear resistance. A strong bead bundle with extra thick reinforced sidewall and a high turn up of plies around bead ensures excellent stability and protection against external damages.



Size	Rim	Onloaded dimension		Loaded Static	Rolling Circum	Load Index Speed Symbol	Infl. Press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in					mm in	mm in	bar psi	Static	10 6	30 18
560/45R22.5 STEEL BELTED	AG16.00	543 21.4	1060 41.7	478 18.8	3260 128.3	152D	4 58	8170 18000	6390 14070	5360 11810	4830 10640	4300 9470	3550 7820
560/60R22.5 STEEL BELTED	AG16.00	555 21.9	1230 48.4	553 21.8	3795 149.4	164D	4 58	11500 25330	9000 19820	7550 16630	6800 14980	6050 13330	5000 11010
580/65R22.5 STEEL BELTED	AG16.00	574 22.6	1315 51.8	580 22.8	4040 159.1	166D	4 58	12190 26850	9540 21010	8000 17620	7210 15880	6410 14120	5300 11670
600/50R22.5 STEEL BELTED	AG20.00	606 23.9	1172 46.1	532 20.9	3470 136.6	159D	4 58	10060 22180	7875 17360	6605 14560	5950 13115	5295 11675	4375 9645
650/50R22.5 STEEL BELTED	AG 20.00	650 25.6	1235 48.6	554 21.8	3630 142.9	163D	4 58	11210 24690	8780 19340	7360 16210	6630 14600	5900 13000	4875 10740
710/45R22.5 STEEL BELTED	AG 24.00	725 28.5	1210 47.6	535 21.1	3675 144.6	165D	4 58	11850 26100	9270 20420	7780 17140	7000 15420	6230 13720	5150 11340
750/45R22.5*						166D		-----UNDER DEVELOPMENT-----					
600/55R26.5 STEEL BELTED	AG20	625 24.6	1345 53	610 24	3980 156.6	165D	4 58	11850 26100	9270 20420	7780 17140	7000 15420	6230 13720	5150 11340
650/55R26.5 STEEL BELTED	AG20.00X26.5	648 25.5	1380 54.3	630 24.8	4080 160.6	170D	4 58	13800 30400	10800 23790	9060 19960	8160 17970	7260 15990	6000 13220
650/65R26.5 STEEL BELTED	AG20X26.5	645 25.4	1519 59.8	670 26.4	4580 180.3	174D	4 58	15410 33940	12060 26560	10120 22290	9110 20070	8110 17860	6700 14760
710/50R26.5 STEEL BELTED	AG 24.00	732 28.8	1400 55.1	629 24.8	4290 168.8	170D	4 58	13800 30400	10800 23790	9060 19960	8160 17970	7260 15990	6000 13220
750/45R26.5 STEEL BELTED	AG 24.00	740 29.1	1360 53.5	618 24.3	4138 162.9	170D	4 58	13800 30400	10800 23790	9060 19960	8160 17970	7260 15990	6000 13220
710/50R30.5	AG24.00	733 28.9	1490 58.7	677 26.7	4560 179.5	173D	4 58	14950 32960	11700 25790	8840 19490	7870 17350	6960 15340	6500 14330
750/60R30.5 STEEL BELTED	AG 24.00	767 30.2	1680 66.1	754 29.7	5113 201.2	181D	4 58	18980 41810	14850 32710	12460 27440	11220 24710	9980 21980	8250 18170
800/45R30.5	AG28.00	790 31.1	1495 58.9	670 26.4	4597 181	176D	4 58	16330 36000	12780 28180	9660 21300	8590 18940	7600 16760	7100 15650

Alliance 882 Implement tire combines the best characteristics of flotation tires and radial construction to provide superior performances on road and in field applications. One of its salient features is a strong fabric carcass reinforced by rigid steel belts. Its directional block configuration ensures best possible self cleaning ability and assists in keeping on/off the road travel direction. Due to its huge internal volume the tire is characterized by low inflation pressure that promises low soil compaction for very high load capacity. This tire's stiffness is increased in both radial and lateral directions by additional ply added to the basic carcass.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
				mm in	mm in		mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	60 37
500/50R17	AG16.00	503	932	409	2833	149D	5	7480	5850	5140	4910	4420	3930	3480	3250
		19.8	36.7	16.1	111.5	146E	73	16490	12900	11330	10830	9740	8660	7670	7170
385/65R22.5	AG11.75	389	1075	493	3205	164D	9	11500	9000	7900	7550	6800	6050	5350	5000
		15.3	42.3	19.4	126.2		131	25353	19842	17416	16645	14991	13338	11795	11023
500/60R22.5	AG16	510	1180	529	3616	155D	4	8910	6980	6120	5850	5270	4690	4150	3875
		20.1	46.5	20.8	142.3		58	19630	15370	13480	12890	11610	10330	9140	8540
560/45R22.5	AG16.00	543	1076	485	3310	152D	4	8170	6390	5610	5360	4830	4300	3800	3550
		21.4	42.4	19.1	130.3		58	18000	14070	12360	11810	10640	9470	8370	7820
560/60R22.5	AG16.00	565	1244	555	3650	165D	4.2	11850	9270	8140	8320	7000	6230	5510	5150
		22.2	49	21.9	143.7		61	26100	20420	17930	18330	15420	13720	12140	11340
580/65R22.5	AG16.00	585	1326	587.8	4032	166D	4	12190	9540	8370	8000	7210	6410	5670	5300
		23	52	23.1	159		58	26850	21010	18440	17620	15880	14120	12490	11670
600/50R22.5	AG20X22.5	611	1172	527.5	3473	159E	4	10060	8590	7540	7200	6490	5770	5100	4770
							58	22180	18940	16620	15870	14310	12720	11240	10520
620/75R26(23.1R26)*							174	-----UNDER DEVELOPMENT-----							
600/55R26.5	AG20.00	611	1333	604	4043	165D	4	11850	9270	8140	7780	7000	6230	5510	5150
							58	26130	20440	17950	17150	15430	13740	12150	11350
650/55R26.5	AG200.00	645	1389	621	4227	170D	4	13800	10800	9480	9060	8160	7260	6420	6000
							58	30420	23810	20900	19970	17990	16010	14150	13230
710/50R26.5	AG24.00	727	1383	623	4219	172D	4	14490	11340	9950	9510	8570	7620	6740	6300
							58	31950	25000	21940	20970	18890	16800	14860	13890
750/60R30.5	AG24.00	754	1675	748	5121	181D	4	18980	14850	13040	12460	11220	9980	8830	8250
							58	41840	32740	28750	27470	24740	22000	19470	18190

FLOTMASTER 381

I-2

SB

FLOTATION

STEEL
BELTED


TRAILER

Alliance 381 is a steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces like grasslands, which require optimized soil and plant protection. The unique rib type pattern, together with rounded shoulders and more aggressive lugs, enables maximum possible tires footprint and lowest possible ground pressure. The shoulder lugs, with excellent self cleaning capabilities, enable strong grip, thus preventing any excessive tire slippage and any consequent damage to the surface.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Mixed application								
				mm in	mm in			mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	60 37
500/50R17 Steel belted	AG 16.00	494	950	421	2870	146D	4	6900	5400	4740	4530	4080	3630	3210	3000	2730
		19.4	37.4	16.6	113		58	15200	11890	10440	9980	8990	8000	7070	6610	6010
						149D	4.5	7480	5850	5140	4910	4420	3930	3480	3250	2960
						65	16480	12890	11320	10810	9740	8660	7670	7160	6520	
500/45R20	DW16X20	502	958	412	2877	157A8	4	—	5780		4620	4125	3712.5	—	—	—
Fabric Belted		19.8	37.7	16.2	113.2		58	—	12716		10164	9075	8168	—	—	—
560/45R22.5 Steel Belted	AG 16.00	540	1080	485	3268	146D	3.2	6900	5400	4740	4530	4080	3630	3210	3000	2730
		21.3	42.5	19.1	128.7			46	15200	11890	10440	9980	8990	8000	7070	6610
620/40R22.5 Steel belted	AG 20.00	612	1080	486	3295	148D	3.2	7250	5670	4980	4760	4280	3810	3370	3150	2870
		24.1	42.5	19.1	129.7		46	15970	12490	10970	10480	9430	8390	7420	6940	6320
						154D	4	8630	6750	5930	5660	5100	4540	4010	3750	3410
							58	19010	14870	13060	12470	11230	10000	8830	8260	7510

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		Mixed application														
		mm in	mm in	mm in	mm in		Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44	
620/50R22.5 Steel belted	AG 20.00	600 23.6	1170 46.1	520 20.5	3601 141.8	161D	4 58	10640 23440	8330 18350	7310 16100	6980 15370	6290 13850	5600 12330	4950 10900	4625 10190	4210 9270
710/40R22.5 Steel belted	AG 24.00	702 27.6	1161 45.7	521 20.5	3550 139.8	162D	4 58	10930 24070	8550 18830	7510 16540	7170 15790	6460 14230	5750 12670	5080 11190	4750 10460	4320 9520
710/50R22.5*						172D		-----UNDER DEVELOPMENT-----								
620/55R26.5 Steel belted	AG 20.00	612 24.1	1356 53.4	608 23.9	4147 163.3	166D	4 58	12190 26850	9540 21010	8370 18440	8000 17620	7210 15880	6410 14120	5670 12490	5300 11670	4820 10620
710/50R26.5 Steel belted	AG 24.00	710 28	1360 53.5	610 24	4171 164.2	170D	4 58	13800 30400	10800 23790	9480 20880	9060 19960	8160 17970	7260 15990	6420 14140	6000 13220	5460 12030
800/45R26.5 Steel belted	AG 28.00	801 31.5	1374 54.1	613 24.1	4045 159.3	174D	4 58	15410 33940	12060 26560	10590 23330	10120 22290	9110 20070	8110 17860	7170 15790	6700 14760	6100 13440

381 RADIAL IMPLEMENT

FLOTATION

I-2

SB

STEEL BELTED



Alliance 381 Radial Implement is a steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces like grasslands, which require optimized soil and plant protection. The unique rib type pattern, together with rounded shoulders and more aggressive lugs, enables maximum possible tires footprint and lowest possible ground pressure. The shoulder lugs, with excellent self cleaning capabilities, enable strong grip, thus preventing any excessive tire slippage and any consequent damage to the surface.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
				Mixed Application															
				Free rolling						Drive Wheel									
		mm / in	mm / in	mm / in	mm / in	bar psi	10 6	25 16	40 25	50 31	65 40	70 44	10 6	25 16	40 25	50 31	65 40	70 44	
280/70R15	W8	280	775	350	2305	137D (F.R)	5	4140	3635	3125	2785	2300	2095	2970	2605	2245	1995	1650	1500
		11	30.5	13.8	90.7	125D (D.W)	73	9125	8015	6890	6140	5070	4620	6545	5740	4950	4400	3635	3305
340/60R16.5	9.75	335	825	375	2455	147D (F.R)	5.5	5535	4860	4180	3720	3075	2800	3925	3445	2965	2630	2180	1985
		13.2	32.5	14.8	96.7	135D (D.W)	80	12200	10715	9215	8200	6780	6170	8655	7595	6535	5800	4805	4375
						145A8 (F.R)	5	4060	—	2900	2610	—	—	2880	—	2060	1854	—	—
						133A8 (D.W)	73	8932	—	6380	5742	—	—	6336	—	4532	4079	—	—
380/55R16.5	12X16.5	380	834	371	2426	148A8 (F.R)	5	4410	—	3150	2835	—	—	3140	—	2240	2016	—	—
		15	32.8	14.6	95.5	136A8 (D.W)	73	9702	—	6930	6237	—	—	6908	—	4928	4435	—	—

AGRIFLEX 381

FLOTATION

I-2

SB

STEEL BELTED



Alliance 381 Agriflex is an IF steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces, which require optimized soil and plant protection. The unique rib type pattern, enables a large footprint and low ground pressure. The shoulder lugs prevent any excessive tire slip and any consequent damage to the surface. It's specially designed bead area ensures better load carrying capacity.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
				mm in	mm in		mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31
IF 240/80R15	8LBx15	245	765	346	2319	125D	3.6	3800	2970	2610	2490	2240	2000	1770	1650
		9.6	30.1	13.6	91.3		52	8380	6550	5750	5490	4940	4410	3900	3640

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		Speed, km/h (mph)													
		Mixed application													
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	
IF 265/85R15	8LBx15	274	832	371	2510	129D	3.24	4260	3330	2920	2790	2520	2240	1980	1850
		10.8	32.8	14.6	98.8		47	9390	7340	6440	6150	5560	4940	4370	4080
IF 280/70R15	10LBX15	278	770	345	2322	137D	4.8	5290	4140	3630	3470	3130	2780	2460	2300
		10.9	30.3	13.6	91.4		58	11650	9120	8000	7640	6890	6120	5420	5070
IF 320/70R15*						147	-----UNDER DEVELOPMENT-----								

AGRIFLEX+ 381

I-2

SB

FLOTATION

STEEL BELTED



Alliance 381 Agriflex + is a VF steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces, which require optimized soil and plant protection. The unique rib type pattern, enables a large footprint and lowest possible ground pressure. The shoulder lugs prevent any excessive tire slip and any consequent damage to the surface. It's specially designed bead area ensures better load carrying capacity.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
								mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16
VF 445/50R22.5	AG14.00x22.5	437	1016	454	3123	167D	6.7	12540	9810	8610	8230	7410	6590	5830	5450
		17.2	40	17.9	123		97	27650	21630	18980	18140	16340	14530	12850	12020

AGRIFLEX+ 389 (IMP)

HF-2

SB

FLOTATION

STEEL BELTED



Alliance Agriflex+ 389 VF introduces the next level of innovation: the world's first VF flotation tire offers the possibility to be operated at 30% lower inflation pressure as a conventional flotation tire. Our goal at Alliance is to develop tires that solve real problems in the field. With Agriflex+ 389 we have trailer tires which allow to mirror the pressure of VF tires on today's high horsepower tractors. This significantly reduces the footprint pressure and thus results in low soil compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		Mixed application														
		SW mm in	OD mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44
VF 560/60R22.5 IMP	AG16.00	565	1250	538	3759	163D	2.8	10240	8530	7510	7170	6480	5800	5170	4875	4530
		22.2	49.2	21.2	148		41	22575	18805	16557	15807	14286	12787	11398	10748	9987
VF 600/55R26.5	AG20.00	629	1348	587	4064	167D	2.8	11450	9540	8390	8010	7250	6490	5780	5450	5070
		24.8	53.1	23.1	160		41	25220	21010	18480	17640	15970	14300	12730	12000	11170
VF 650/55R26.5	AG20.00	650	1384	600	4173	171D	2.8	13350	11070	9720	9290	8360	7440	6580	6150	5720
		25.6	54.5	23.6	164.3		41	29410	24380	21410	20460	18410	16390	14490	13550	12600
VF 650/60R26.5 IMP*						174D	-----UNDER DEVELOPMENT-----									
VF 710/50R26.5	AG24.00	732	1400	602	4271	173D	2.8	13650	11380	10010	9560	8650	7740	6890	6500	6050
		28.8	55.1	23.7	168.1		41	30070	25070	22050	21060	19050	17050	15180	14320	13330
VF 750/45R26.5 IMP	AG24.00	754	1360	589	4086	172D	2.8	13230	11030	9700	9260	8380	7500	6680	6300	5860
		29.7	53.5	23.2	160.9		41	29167	24317	21385	20415	18475	16535	14727	13889	12919
VF 750/60R30.5 IMP	AG24.00	780	1680	721	5071	183D	2.8	18380	15310	13480	12860	11640	10410	9280	8750	8140
		30.7	66.1	28.4	199.7		41	40521	33753	29718	28351	25662	22950	20459	19290	17946
VF 800/60R32 IMP*						188D	-----UNDER DEVELOPMENT-----									

881 AGRIFLEX+

I-2

AS

ALL
STEEL



AGRICULTURAL
IMPLEMENTS

Alliance 881 Agriflex + is a VF all steel radial flotation tire that has been developed to serve the needs of planter applications. The Agriflex technology makes it well equipped to work at lower pressures ensuring minimum soil compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		Speed, km/h (mph)													
		Mixed application													
		SW mm in	OD mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40
VF 245/70R19.5*						145		-----UNDER DEVELOPMENT-----							
VF 265/70R19.5*						146		-----UNDER DEVELOPMENT-----							
VF 285/70R19.5 *						150		-----UNDER DEVELOPMENT-----							
VF 295/75R22.5*						155		-----UNDER DEVELOPMENT-----							
VF 385/65R22.5*						165		-----UNDER DEVELOPMENT-----							
VF 445/65R22.5*						175		-----UNDER DEVELOPMENT-----							
VF 255/70R22.5*						149D		-----UNDER DEVELOPMENT-----							

BIAS FLOTATION

331

I-3

FLOTATION



Alliance 331 Heavy Duty Flotation tread design is basically a traction profile with good self cleaning characteristics suitable for on/off road agricultural service on tractors, cross country vehicles, trailers and agricultural implements. High load carrying capacity and low inflation pressure are the main characteristics of this tire. Strong nylon construction and compounds ensure long tire life. Some sizes feature special compounds or steel belts for superior performance as required by the application.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel		Infl. press.	Recommend load, kg (lbs)							
		SW	OD				Speed, km/h (mph)	Free rolling				Drive Wheel					
								10 6		25 16	40 25	50 31	10 6	25 16	40 25	50 31	
		mm in	mm in	mm in	mm in		Load index speed Sym	bar psi									
38x18.00-20 NHS	W14L W14LH	456	991	438	2890	12	129A8		3.7 54	2640 5810	2030 4470	1860 4100	1750 3850	1890 4160	1450 3190	1330 2930	1250 2750
		127 B															
		118A8															
		116 B															
42x25.00-20 NHS	20.50VF	622	1080	480	3160	12	137A8		3.1 45	3290 7250	2530 5570	2310 5090	2180 4800	2340 5150	1800 3960	1640 3610	1550 3410
		24.5	42.5	18.9	124.4		135 B										
							125A8										
							123 B										
44x18.00-20 NHS	W14L W14LH	457	1143	492	3270	4	125A8		1.4 20	2340 5150	1800 3960	1640 3610	1550 3410	1650 3630	1260 2780	1160 2560	1090 2400
							123 B										
							113A8										
						6	111 B		2.1 30	3020 6650	2320 5110	2120 4670	2000 4410	2110 4650	1620 3570	1480 3260	1400 3080
							134A8										
							132 B										
48x25.00-20 NHS	20.50VF	635	1245	548	3620	12	122A8		3.1 45	4910 10810	3770 8300	3450 7600	3250 7160	3470 7640	2670 5880	2440 5370	2300 5070
		25	49	21.6	142.5		120 B										
							151A8										
							149 B										
48x31.00-20 NHS	26.00VF	775	1245	550	3630	12	139A8		2.8 41	4760 10480	3650 8040	3340 7360	3150 6940	3380 7440	2600 5730	2370 5220	2240 4930
		30.5	49	21.7	142.9		137 B										
							150A8										
							148 B										
500/45-20	16.00DC	490	950	433	2820	8	138A8		1.9 28	3400 7490	2890 6370	2430 5350	2190 4820	2380 5240	2020 4450	1700 3740	1530 3370
							136 B										
							139A8										
						12	135 B		2.8 41	4310 9490	3660 8060	3075 6770	2770 6100	2970 6540	2520 5550	2120 4670	1910 4210
							123B										
							147A8										
500/50-20 Special Compound	16.00DC	470	990	452	2940	16	134A8		3.2 46	4550 10020	3870 8520	3250 7160	2930 6450	3220 7090	2740 6040	2300 5070	2070 4560
		18.5	39	17.8	115.7		130 B										
							149A8										
							145 B										
500/60-22.5 Steel Belted	16.00DC	503	1172	519	3472	8	137A8		1.6 23	4550 10020	3870 8520	3250 7160	2930 6450	3140 6920	2670 5880	2240 4930	2020 4450
							133 B										
							146 B										
							136A8										
						12	132 B		2.4 35	5780 12730	4910 10810	4125 9090	3710 8170	4060 8940	3450 7600	2900 6390	2610 5750
							157A8										
							154 B										
							145A8										
16	142 B		3.2 46	6830 15040	5800 12780	4875 10740	4390 9670	4830 10640	4110 9050	3450 7600	3110 6850						
	163A8																
	159 B																
	151A8																
						148 B											

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
		mm in	mm in						Free rolling				Drive Wheel			
							Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
550/45-22.5 Steel Belted	16.00DC 18.00DC 20.00DC	550 21.7	1070 42.1	488 19.2	3271 128.8	8	145A8									
							142 B	1.4	4060	3450	2900	2610	2800	2380	2000	1800
							132A8	20	8940	7600	6390	5750	6170	5240	4410	3960
							128 B									
						12	153A8									
							149 B	2.1	5110	4340	3650	3290	3610	3060	2575	2320
							141A8	30	11260	9560	8040	7250	7950	6740	5670	5110
							137 B									
						16	159A8									
							156 B	2.8	6130	5210	4375	3940	4310	3660	3075	2770
							147A8	41	13500	11480	9640	8680	9490	8060	6770	6100
							143 B									
550/60-22.5	16.00DC	550 21.7	1238 48.7	540 21.3	3740 147.3	8	166A8									
							162B	4	7420	6310	5300	4770	5250	4460	3750	3380
							154A8	58	16340	13900	11670	10510	11560	9820	8260	7440
							150B									
						16	153A8									
							150 B	1.4	5110	4340	3650	3290	3500	2980	2500	2250
							140A8	20	11260	9560	8040	7250	7710	6560	5510	4960
							136 B									
						16	167A8									
							163 B	2.8	7630	6490	5450	4910	5250	4460	3750	3380
							154A8	41	16810	14300	12000	10810	11560	9820	8260	7440
							150 B									
600/40-22.5 Steel Belted	20.00DC	600 23.6	1090 42.9	480 18.9	3356 132.1	12	154A8									
							150 B	2.1	5250	4460	3750	3380	3710	3150	2650	2390
							142A8	30	11560	9820	8260	7440	8170	6940	5840	5260
							138 B									
						16	160A8									
							157 B	2.8	6300	5360	4500	4050	4410	3750	3150	2840
							148A8	41	13880	11810	9910	8920	9710	8260	6940	6260
							144 B									
600/50-22.5	20.00DC	600 23.6	1170 46.1	510 20.1	3472 136.7	16	165A8									
							161 B	2.6	7210	6130	5150	4640	5110	4340	3650	3290
							153A8	38	15880	13500	11340	10220	11260	9560	8040	7250
							149 B									
600/55-22.5	20.00DC	602 23.7	1270 50	533 21	3580 140.9	12	164A8									
							160 B	2	7000	5950	5000	4500	4830	4110	3450	3110
							151A8	29	15420	13110	11010	9910	10640	9050	7600	6850
							148 B									
						16	169A8									
							166 B	2.6	8120	6900	5800	5220	5600	4760	4000	3600
							156A8	38	17890	15200	12780	11500	12330	10480	8810	7930
							153 B									
700/40-22.5	24.00DC	700 27.6	1170 46.1	510 20.1	3700 145.7	12	160A8									
							157 B	1.7	6300	5360	4500	4050	4410	3750	3150	2840
							148A8	25	13880	11810	9910	8920	9710	8260	6940	6260
							144 B									
						16	166A8									
							162 B	2.2	7420	6310	5300	4770	5250	4460	3750	3380
							154A8	32	16340	13900	11670	10510	11560	9820	8260	7440
							150 B									
700/50-22.5	24.00DC	700 27.6	1270 50	550 21.7	4109 161.8	16	174A8									
							170 B	2.4	9380	7970	6700	6030	6650	5650	4750	4280
							162A8	35	20660	17560	14760	13280	14650	12440	10460	9430
							158 B									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
							Free rolling				Drive Wheel					
							mm in		mm in	mm in	mm in	10 6	25 16	40 25	50 31	10 6
500/60-26.5 Steel Belted	16.00DC	500 19.7	1270 50	560 22	3838 151.1	12	158A8									
							155 B	2.4	5950	5060	4250	3830	4200	3570	3000	2700
							146A8	35	13110	11150	9360	8440	9250	7860	6610	5950
							143 B									
							165A8									
						16	161 B	3.2	7210	6130	5150	4640	5110	4340	3650	3290
							153A8	46	15880	13500	11340	10220	11260	9560	8040	7250
							149 B									
							167A8									
							163 B	2.6	7630	6490	5450	4910	5430	4610	3875	3490
600/50-26.5	20.00DC	600 23.6	1270 50	560 22	3694 145.4	16	155A8	38	16810	14300	12000	10810	11960	10150	8540	7690
							151 B									
							165A8									
						12	161 B	2	7210	6130	5150	4640	5110	4340	3650	3290
							153A8	29	15880	13500	11340	10220	11260	9560	8040	7250
							149 B									
							170A8									
							167 B	2.6	8400	7140	6000	5400	6130	5210	4375	3940
						16	159A8	38	18500	15730	13220	11890	13500	11480	9640	8680
							156 B									
							154A8									
							150 B	1.1	5250	4460	3750	3380	3710	3150	2650	2390
							142A8	16	11560	9820	8260	7440	8170	6940	5840	5260
700/40-26.5	24.00DC	700 27.6	1270 50	560 22	3690 145.3	16	168A8									
							164 B	2.2	7840	6660	5600	5040	5600	4760	4000	3600
							156A8	32	17270	14670	12330	11100	12330	10480	8810	7930
							153 B									
							160A8									
						8	156 B	1.2	6300	5360	4500	4050	4410	3750	3150	2840
							148A8	17	13880	11810	9910	8920	9710	8260	6940	6260
							144 B									
							174A8									
							170 B	2.4	9380	7970	6700	6030	6650	5650	4750	4280
						16	162A8	35	20660	17560	14760	13280	14650	12440	10460	9430
							158 B									
							162A8									
							158 B	1.1	6650	5650	4750	4280	4690	3990	3350	3020
							150A8	16	14650	12440	10460	9430	10330	8790	7380	6650
800/45-26.5 Steel Belted	28.00DC	800 31.5	1393 54.8	614 24.2	4051 159.5	12	158A8	1.7	8400	7140	6000	5400	5950	5060	4250	3830
							155 B	25	18500	15730	13220	11890	13110	11150	9360	8440
							177A8									
							173B	2.2	10220	8690	7300	5450	7000	5950	5000	4500
							164A8	32	22510	19140	16080	12000	15420	13110	11010	9910
						16	160 B									
							159A8									
							156 B	1.3	6130	5210	4375	3940	4310	3660	3075	2770
							147A8	19	13500	11480	9640	8680	9490	8060	6770	6100
							143 B									
						12	169A8									
							165 B	2	8120	6900	5800	5450	5600	4760	4000	3600
							156A8	29	17890	15200	12780	12000	12330	10480	8810	7930
							152 B									
							174A8									
600/60-30.5 Steel Belted	20.00DC	600 23.6	1500 59.1	655 25.8	4340 170.9	16	170 B	2.6	9380	7970	6700	5450	6480	5500	4625	4160
							161A8	38	20660	17560	14760	12000	14270	12110	10190	9160
							157 B									
							174A8									
							170 B	2.6	9380	7970	6700	5450	6480	5500	4625	4160

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																
		SW	OD						Speed, km/h (mph)																
									Free rolling				Drive Wheel												
				mm in	mm in		mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31							
700/50-30.5 Steel Belted	24.00DC	700	1530	655	4528	16	176A8		2.2	9940	8450	7100	5450	6830	5800	4875	4390								
		27.6	59.1	25.8	172 B		32											21890	18610	15640	12000	15040	12780	10740	9670
					163A8																				
					159 B																				
800/45-30.5 Steel Belted	28.00DC	800	1500	655	4561	16	179A8		2.2	10850	9220	7750	5450	7630	6490	5450	4910								
		31.5	59.1	25.8	175 B		32											23900	20310	17070	12000	16810	14300	12000	10810
					167A8																				
					163 B																				

331 RADIAL



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)					
								Speed, km/h (mph)					
								Mixed application					
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31
600/45R22.5 Steel Belted	20	608	1152	511	3502	165A8	4	12100	7210	6130	5770	5150	4640
	AG20.00	23.9	45.4	20.1	137.9	161B	58	26650	15880	13500	12710	11340	10220
710/50R30.5 Steel Belted	AG 24.00	700	1500	674	4538	176D	4	16330	12780	11220	10720	9660	8590
		27.6	59.1	26.5	178.7		58	35970	28150	24710	23610	21280	18920

Alliance 328 HS (High Speed Flotation) is designed with good self-cleaning characteristics, which is suitable for on and off-the-road agricultural service on trailers and implements. The high load capacity and low inflation pressure of the tire results in high degree of agricultural soil protection, as well as low rolling resistance both, on and off-road. The tire is available in heavy and regular duty versions of flotation tires. Its strong nylon construction and compounds ensure long life.



328 HIGH SPEED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl.	Free rolling							
		press.	Recommend load, kg (lbs)													
			Speed, km/h (mph)													
		mm in	mm in				mm in	mm in	bar psi	10 6	20 12	30 19	40 25	50 31	60 37	65 40
500/60-22.5	AG16.00	500 19.7	1170 46.1	510 20.1	3537 139.3	8	142 D	1.6	4550	4100	3640	3250	2930	2760	2680	2575
							141 E	23	10020	9030	8020	7160	6450	6080	5900	5670
						12	150 D	2.4	5780	5200	4620	4125	3710	3510	3400	3250
							149 E	35	12730	11450	10180	9090	8170	7730	7490	7160
						16	156 D	3.2	6790	6110	5430	4850	4370	4120	4000	3875
							155 E	46	14960	13460	11960	10680	9630	9070	8810	8540
550/45-22.5	16.00DC	550	1070	476	3175	16	151 E	2.8	6130	5510	4900	4375	3940	3720	3610	3450
	18.00 DC	21.7	42.1	18.7	125		156 B	41	13500	12140	10790	9640	8680	8190	7950	7600
550/60-22.5	16.00DC	550 21.7	1238 48.7	540 21.3	3765 148.2	8	146D	1.4	5110	4600	4090	3650	3290	3100	3010	2900
							145 E	20	11260	10130	9010	8040	7250	6830	6630	6390
						12	154D	2.1	6300	5670	5040	4500	4050	3830	3710	3650
							153 E	30	13880	12490	11100	9910	8920	8440	8170	8040
						16	160D	2.8	7630	6870	6100	5450	4910	4630	4500	4375
							159 E	41	16810	15130	13440	12000	10810	10200	9910	9640
						20	166D	3.6	8990	8090	7190	6420	5780	5460	5300	-
								52	19800	17820	15840	14140	12730	12030	11670	-
600/50-22.5	AG 20.00	600 23.6	1170 46.1	520 20.5	3450 135.8	8	145 D	1.3	4830	4350	3860	3450	3110	2930	2850	2800
							144 E	19	10640	9580	8500	7600	6850	6450	6280	6170
						12	153 D	2	6130	5510	4900	4375	3940	3720	3610	3550
							152 E	29	13500	12140	10790	9640	8680	8190	7950	7820
						16	158 D	2.6	7210	6490	5770	5150	4640	4380	4250	4125
							157 E	38	15880	14300	12710	11340	10220	9650	9360	9090
600/55-22.5	AG20.00	600 23.6	1270 50	550 21.7	3830 150.8	8	149 D	1.4	5600	5040	4480	4000	3600	3400	3300	3150
							148 E	20	12330	11100	9870	8810	7930	7490	7270	6940
						12	157 D	2.1	7000	6300	5600	5000	4500	4250	4130	4000
							156 E	30	15420	13880	12330	11010	9910	9360	9100	8810
						16	162 D	2.8	8120	7310	6500	5800	5220	4930	4790	4625
							161 E	41	17890	16100	14320	12780	11500	10860	10550	10190
700/40-22.5	AG24.00	700 27.6	1170 46.1	510 20.1	3486 137.3	8	145 D	1.1	4970	4470	3980	3550	3200	3020	2930	2800
							144 E	16	10950	9850	8770	7820	7050	6650	6450	6170
						12	153 D	2	6300	5670	5040	4500	4050	3830	3710	3550
							152 E	29	13880	12490	11100	9910	8920	8440	8170	7820
						16	159 D	2.6	7420	6680	5940	5300	4770	4510	4370	4250
							158 E	38	16340	14710	13080	11670	10510	9930	9630	9360
700/50-22.5	24.00DC	700 27.6	1270 50	550 21.7	3790 149.2	8	152E	1.2	6130	5510	4900	4375	3940	3720	3610	3550
							156 B	17	13500	12140	10790	9640	8680	8190	7950	7820
						12	160 E	2.2	7840	7060	6270	5600	5040	4760	4620	4500
							164 B	32	17270	15550	13810	12330	11100	10480	10180	9910
						16	166 E	2.8	9380	8440	7500	6700	6030	5700	5530	5300
							170 B	41	20660	18590	16520	14760	13280	12560	12180	11670
800/35-22.5	28.00DC	790	1170	525	3473	16	162D	2.6	8120	7310	6500	5800	5220	4930	4750	-
	24.00DC	31.1	46.1	20.7	136.7		169A8	38	17890	16100	14320	12780	11500	10860	10460	-
600/55-26.5	20.00DC	600 23.6	1333 52.5	580 22.8	3850 151.6	8	149C	1.3	5600	5040	4480	4000	3600	3250	-	-
							153B	19	12330	11100	9870	8810	7930	7160	-	-
						12	157C	2	7210	6490	5770	5150	4640	4125	-	-
							161B	29	15880	14300	12710	11340	10220	9090	-	-
						16	163C	2.6	8400	7560	6720	6000	5400	4875	-	-
							167B	38	18500	16650	14800	13220	11890	10740	-	-

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl.	Free rolling								
		SW	OD					press.	Recommend load, kg (lbs)								
									Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		Load index speed Sym	bar psi	10 6	20 12	30 19	40 25	50 31	60 37	65 40	70 44	
700/50-26.5	24.00DC	700 27.6	1333 52.5	580 22.8	3948 155.4	8	153 C	⊙→	1.2	6300	5670	5040	4500	4050	3650	-	-
							156 B		17	13880	12490	11100	9910	8920	8040	-	-
						12	161 C	⊙→	1.8	8120	7310	6500	5800	5220	4625	-	-
							165 B		26	17890	16100	14320	12780	11500	10190	-	-
						16	166C	⊙→	2.4	9380	8440	7500	6700	6030	5300	-	-
							170B		35	20660	18590	16520	14760	1328	11670	-	-
750/60-30.5 Special for high speed implement	24.00DC	750	1670	720	5040	16	172D	⊙→	2.5	11340	10400	9510	8570	7620	6740	6300	-
		29.5	65.7	28.3	198.4		179B		36	24980	22910	20950	18880	3460	14850	13880	-

328 HEAVY DUTY FLOTATION

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					mm in	mm in	bar psi	Static	10 6	15 9	20 12	25 16	30 19	35 22
700/40-22.5	24.00 DC	700	1230	559	3486	177A6											
		27.6	48.4	22	137.3	175A7	6	10730	10080	8650	8190	7740	7300	6900	6500	5850	
						173A8	87	23630	22200	19050	18040	17050	16080	15200	14320	12890	
700/50-22.5 for bailer app. free rolling	24.00 DC					16											
						174A8											
						170 B		2.8	11060	10390	8910	8440	7970	7500	7040	6700	6030
								41	24360	22890	19630	18590	17560	16520	15510	14760	13280
						162A8											
						158B											

328 IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)										
		SW	OD						Speed, km/h (mph)										
									Free rolling				Drive Wheel						
				mm in	mm in		mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	
400/55-22.5	13.00DC	401 15.8	1030 40.6	455 17.9	3150 124	12	146A8												
							143 B	3	4200	3570	3000	2700	2970	2520	2120	1910			
							134A8	44	9250	7860	6610	5950	6540	5550	4670	4210			
							130 B												
						16	152A8												
							149 B	4	4970	4220	3550	3200	3500	2980	2500	2250			
							140A8	58	10950	9300	7820	7050	7710	6560	5510	4960			
							136 B												
18	154A8	4.5	5600	4760	4000	3600	3920	3330	2800	2520									
	144A8	65	12320	10494	8800	7920	8624	7326	6160	5544									
400/60-22.5	11.75	400 15.7	1070 42.1	472 18.6	3120 122.8	18	160A8												
							156B	4.3	6300	5350	4500	4000	4410	3750	3150	2800			
							148A8	62	13890	11795	9920	8820	9720	8265	6945	6170			
							144B												
500/45-22.5 Steel Belted	16.00DC	500 19.7	1030 40.6	455 17.9	3000 118.1	12	148A8												
							148B	2.7	4410	3750	3150	2840	3140	2670	2240	2020			
							136A8	39	9710	8260	6940	6260	6920	5880	4930	4450			
							132B												
						16	154A8												
							150B	3.6	5250	4460	3750	3380	3710	3150	2650	2390			
							142A8	52	11560	9820	8260	7440	8170	6940	5840	5260			
							138B												
18	157A8	4.2	5780	4910	4125	3712.5	4060	3450	2900	2610									
	145A8	61	12716	10802	9075	8168	8932	7590	6380	5740									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																
		SW	OD						Speed, km/h (mph)																
									Free rolling				Drive Wheel												
		mm in	mm in				mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31							
500/60-22.5	16.00DC	500 19.7	1170 46.1	510 20.1	3537 139.3	8	136A8 	1.6 23	4550 10020	3870 8520	3250 7160	2930 6450	3140 6920	2670 5880	2240 4930	2020 4450									
							132 B 																		
						12	157A8 																		
							154 B 	2.4 35	5780 12730	4910 10810	4125 9090	3710 8170	4060 8940	3450 7600	2900 6390	2610 5750									
							145A8 																		
						16	142 B 																		
							163A8 																		
							159 B 	3.2 46	6830 15040	5800 12780	4875 10740	4390 9670	4830 10640	4110 9050	3450 7600	3110 6850									
						18	151A8 																		
							148 B 																		
							165A8 																		
						18	161B 	3.6 52	7210 15862	6130 13486	5150 11330	4640 10208	5110 11242	4340 9548	3650 8030	3285 7227									
							153A8 																		
							149B 																		
550/45-22.5	16.00DC 18.00 DC	550 21.7	1070 42.1	470 18.5	3105 122.2	8	145A8 	1.4 20	4060 8940	3450 7600	2900 6390	2610 5750	2800 6170	2380 5240	2000 4410	1800 3960									
							142B 																		
							132A8 																		
						12	128B 																		
							153A8 	2.1 30	5110 11260	4340 9560	3650 8040	3290 7250	3610 7950	3060 6740	2575 5670	2320 5110									
							141A8 																		
						16	137B 																		
							159A8 																		
							156B 	2.8 41	6130 13500	5210 11480	4375 9640	3940 8680	4310 9490	3660 8060	3075 6770	2770 6100									
						20	147A8 																		
							143B 																		
							165A8 	3.6 52	7210 15862	6130 13486	5150 11330	4635 10197	5110 11242	4340 9548	3650 8030	3285 7227									
						20	153A8 																		
							160A8 																		
156B 	2.3 33	6300 13880	5360 11810	4500 9910	4050 8920		4410 9710	3750 8260	3150 6940	2840 6260															
550/60-22.5	16.00DC	550 21.7	1238 48.7	540 21.3	3765 148.2	12	148A8 																		
							144B 																		
							166A8 																		
						16	162B 	3 44	7420 16340	6310 13900	5300 11670	4770 10510	5250 11560	4460 9820	3750 8260	3380 7440									
							154A8 																		
							150B																		
						8	144A8	1.4 20	3920 8624	3330 7326	2800 6160	2520 5544	2800 6160	2380 5236	2000 4400	1800 3960									
							140B																		
							132A8																		
						600/50-22.5	20.00DC	600 23.6	1170 46.1	510 20.1	3448 135.8	12	128B												
													159A8												
													156 B	2 29	6130 13500	5210 11480	4375 9640	3940 8680	4310 9490	3660 8060	3075 6770	2770 6100			
												16	147A8												
													144 B												
165A8																									
161 B	2.6 38	7210 15880	6130 13500	5150 11340	4640 10220								5110 11260	4340 9560	3650 8040	3290 7250									
153A8																									
149 B																									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
									Free rolling				Drive Wheel				
		mm in	mm in	mm in	mm in		Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	
600/55-22.5	20.00DC	600 23.6	1270 50	550 21.7	3830 150.8	8	156A8		1.3 19	5600 12330	4760 10480	4000 8810	3600 7930	3920 8630	3330 7330	2800 6170	2520 5550
							153 B										
							144A8										
							140 B										
						12	164A8		2 29	7000 15420	5950 13110	5000 11010	4500 9910	4830 10640	4110 9050	3450 7600	3110 6850
							160 B										
							151A8										
							148 B										
						16	169A8		2.6 38	8120 17890	6900 15200	5800 12780	5220 11500	5600 12330	4760 10480	4000 8810	3600 7930
							166 B										
							156A8										
							153 B										
700/40-22.5	24.00DC	700 27.6	1170 46.1	510 20.1	3486 137.3	16	166A8		2.6 38	7420 16340	6310 13900	5300 11670	4770 10510	5250 11560	4460 9820	3750 8260	3380 7440
							162 B										
							154A8										
							150 B										
						18	156A8		3.4 49	7840 17270	6660 14670	5600 12330	5040 11100	5600 12330	4760 10480	4000 8810	3600 7930
							153 B										
700/50-22.5	24.00DC	700 27.6	1270 50	550 21.7	3790 149.2	16	174A8		2.8 41	9380 20660	7970 17560	6700 14760	6030 13280	6650 14650	5650 12440	4750 10460	4280 9430
							170 B										
							162A8										
							158 B										
600/55-26.5	20.00DC	591 23.3	1333 52.5	580 22.8	3850 151.6	12	165A8		2 29	7210 15880	6130 13500	5150 11340	4640 10220	5110 11260	4340 9560	3650 8040	3290 7250
							161 B										
							153A8										
							149 B										
						16	170A8		2.6 38	8400 18500	7140 15730	6000 13220	5400 11890	6130 13500	5210 11480	4375 9640	3940 8680
							167 B										
							159A8										
							156 B										
700/50-26.5	24.00DC	700 27.6	1333 52.5	580 22.8	3948 155.4	16	174A8		2.4 35	9380 20660	7970 17560	6700 14760	6030 13280	6650 14650	5650 12440	4750 10460	4280 9430
							170 B										
800/45-26.5	28.00DC	800 31.5	1393 54.8	614 24.2	4050 159.4	8	162A8		1.1 16	6650 14650	5650 12440	4750 10460	4280 9430	4690 10330	3990 8790	3350 7380	3020 6650
							158 B										
							150A8										
							146 B										
						16	177A8		2.2 32	10220 22510	8690 19140	7300 16080	6570 14470	7000 15420	5950 13110	5000 11010	4500 9910
							173B										
							164A8										
							160 B										
650/60-30.5	20.00DC	650 25.6	1670 65.7	720 28.3	5070 199.6	8	166A8		1.1 16	7420 16340	6310 13900	5300 11670	4770 10510	5250 11560	4460 9820	3750 8260	3380 7440
							162 B										
							154A8										
							150 B										
						12	174A8		1.7 25	9380 20660	7970 17560	6700 14760	6030 13280	6650 14650	5650 12440	4750 10460	4280 9430
							170 B										
							162A8										
							158 B										
						16	179A8		2.2 32	10850 23900	9220 20310	7750 17070	6980 15370	7630 16810	6490 14300	5450 12000	4910 10810
							175 B										
							167A8										
							163 B										
750/60-30.5	24.00DC	750 29.5	1670 65.7	720 28.3	5040 198.4	16	182A8		2.2 32	11900 26210	10120 22290	8500 18720	7650 16850	8400 18500	7140 15730	6000 13220	5400 11890
							179 B										
							170A8										
							167 B										

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
									Free rolling				Drive Wheel					
				mm in	mm in		mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
800/45-30.5	28.00DC	810	1510	662	4450	16PR	178A8	↻	2.4	10500	8930	7500	6750	7420	6310	5300	4770	
		31.9	59.4	26.1	175.1		174B		35	23100	19646	16500	14850	16324	13882	11660	10494	
							166A8	↻										
							162B											
850/50-30.5 18 PR - LMS	28.00DC	850 33.5	1670 65.7	720 28.3	4790 188.6	12	168A8	↻	1.5	11200	9520	8000	7200	7840	6660	5600	5040	
							164 B		22	24670	20970	17620	15860	17270	14670	12330	11100	
							186A8	↻										
							182 B		2.2	13300	11310	9500	8550	9380	7970	6700	6030	
						16	174A8	↻	32	29300	24910	20930	18830	20660	17560	14760	13280	
							170 B											
							193A8	↻										
							189B		3	16100	13690	11500	10350	11270	9580	8050	7250	
						18	180A8	↻	44	35460	30150	25330	22800	24820	21100	17730	15970	
							177 B											

328 RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl.	Free rolling							
		press.	Recommend load, kg (lbs)												
			Speed, km/h (mph)												
		bar psi	Static				10 6	20 12	30 19	40 25	50 31	60 37	65 40		
500/50R17	16.00	494	960	425	2867	145D	4	6670	5220	4580	4380	3940	3510	3100	2900
		19.4	37.8	16.7	112.9		58	14710	11510	10100	9660	8690	7740	6830	6390

328 VALUE PLUS I-3

FLOTATION



Alliance 328 VALUE PLUS is specially designed for low end applications like balers and other agricultural implements. It displays excellent flotation and self cleaning characteristics. The tire has good traction profile and provides maximum soil protection and low compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl.	Recommend load, kg (lbs)							
		press.	Speed, km/h (mph)													
			Free rolling					Drive Wheel								
		mm in	mm in				mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16
400/55-22.5	13.00DC	401 15.8	1030 40.6	455 17.9	3150 124	16	152A8	⦿→								
							149B	4	4970	4220	3550	3200	3500	2980	2500	2250
							140A8	58	10950	9300	7820	7050	7710	6560	5510	4960
							136B	⦿								
500/45-22.5	16.00DC	500 19.7	1030 40.6	455 17.9	3153 124.1	16	154A8	⦿→								
							150B	3.6	5250	4460	3750	3380	3710	3150	2650	2390
							142A8	52	11560	9820	8260	7440	8170	6940	5840	5260
							138B	⦿								

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl.	Recommend load, kg (lbs)								
		press.	Speed, km/h (mph)														
			Free rolling					Drive Wheel									
		mm in	mm in					mm in	mm in	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25
500/60-22.5	16.00DC	500	1170	510	3537	16	163A8										
		19.7	46.1	20.1	139.3		159B		3.2	6830	5800	4875	4390	4830	4110	3450	3110
							151A8		46	15040	12780	10740	9670	10640	9050	7600	6850
							148B										
550/45-22.5	16.00DC 18.00DC	550	1070	470	3105	16	159A8										
		21.7	42.1	18.5	122.2		156B		2.8	6130	5210	4375	3940	4310	3660	3075	2770
							147A8		41	13500	11480	9640	8680	9490	8060	6770	6100
							143B										
550/60-22.5	16.00DC	550	1238	540	3765	16	166A8										
		21.7	48.7	21.3	148.2		162B		3	7420	6310	5300	4770	5250	4460	3750	3380
							154A8		44	16340	13900	11670	10510	11560	9820	8260	7440
							150B										

128 HF-2

FLOTATION

The Alliance 128 HS (High Speed Flotation) is designed with good self-cleaning characteristics which is suitable for on and off-the-road agricultural service on trailers and implements. The high load capacity and low inflation pressure of the tire results in high degree of agricultural soil protection, as well as low rolling resistance on both, on and off-road uses. The unique tread design enables smooth and quiet ride on road as well as high traction off the road. Its strong nylon construction and compounds ensure long life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl.	Free rolling							
		press.	Recommend load, kg (lbs)													
			Speed, km/h (mph)													
			mm in					mm in	mm in	mm in	bar psi	10 6	20 12	30 19	40 25	50 31
800/35-22.5 HS	28.00DC	800	1170	525	3508	16	162D 	2.6	8120	7310	6500	5800	5220	4930	4750	—
	26.00DC	31.5	46.1	20.7	138.1		169A8	38	17890	16100	14320	12780	11500	10860	10460	—
	24.00DC															

Fronts and Implements



303 TracPRO F-2



Alliance TracPRO F-2 tractor front tire displays better self cleaning because of the notches (3 Rib) on its shoulder. The specialised rib pattern ensures comfortable driving experience and the special stubble protection compound offers long life because of puncture and damage resistance.

(3 Rib) (Multi-Rib)



303 TracPRO (3 Rib)

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in				mm in	mm in	bar psi	Static	10(1) (2) 6	20 16	25 19
6.00-16	4.50E	165	735	341	2206	8 94A6	4.4		1010	900	770	670	540
		6.5	28.9	13.4	86.9	87AB	64		2230	1980	1700	1480	1190
6.50-16*								-----UNDER DEVELOPMENT-----					
7.50-16*						8	-----UNDER DEVELOPMENT-----						
6.50-20	5.00F	184	880	420	2702	8	4.5	1960	1280	1150	980	850	680
	5.50F	7.2	34.6	16.5	106.4	102A6	65	4320	2820	2540	2160	1870	1500
5.25-14*						14	-----UNDER DEVELOPMENT-----						

303 TracPRO (Multi-Rib)

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
				Mixed application									
		mm in	mm in	mm in	mm in	Static	10(1) (2) 6	20 16	25 19	30 25	40 25		
6.00-16*						8		-----UNDER DEVELOPMENT-----					
6.50-16*						8		-----UNDER DEVELOPMENT-----					
7.50-16	5.50F	205	805	370	2403	8	3.7	2010	1310	1180	1010	875	700
		8.1	31.7	14.6	94.6	103A6 96AB	54	4430	2890	2600	2220	1930	1540
6.50-20*						8		-----UNDER DEVELOPMENT-----					

303 F-2



Alliance 303 Steering Wheel tire is a 3-rib (front wheel) tire designed for general farming purposes. It has a raised centre rib to ensure easy steering. The tire is engineered for quiet rolling and long lasting performance in both on and off-the-road service. The strong nylon construction and use of high grade compounds make it a top quality tire.



303 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
		bar psi	10 ⁽¹²⁾ 6	15 9	20 12		25 16	30 19	35 22	40 25	50 31				
9.00-16HD	W8	234	855	394	2556	10	3.9	1880	1790	1690	1440	1250	1130	1000	910
	W7 6.00F	9.2	33.7	15.5	100.6	116A6 108A8	57	4140	3940	3720	3170	2750	2490	2200	2000

303 TRACTOR FRONT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load index speed Sym	Infl. press.	Recommend load, kg (lbs)						
		SW	OD						Speed, km/h (mph)						
		mm in	mm in						mm in	mm in	10 ⁽¹²⁾ 6	15 9	20 12	25 16	30 19
5.00-15	4.00E 4J 3.00D	140 5.5	655 25.8	307 12.1	1979 77.9	4	73A6	2.75	550	520	490	420	365	330	290
							65A8	40	1210	1150	1080	930	810	730	640
						6	81A6	4.2	690	660	620	530	462	420	370
							73A8	61	1520	1460	1370	1170	1020	930	820
10.00-16	W8L 8LB	274 10.8	895 35.2	406 16	2650 104.3	8	115A6 107A8	2.8 41	1820 4010	1740 3830	1640 3610	1400 3080	1215 2680	1090 2400	970 2140
						10	119A6	3.4	2040	1940	1840	1560	1360	1220	1090
							111A8	49	4490	4270	4050	3440	3000	2690	2400
						11.00-16	W8L 10LB 8LB	315 12.4	965 38	436 17.2	2850 112.2	10	122A6	3.1	2250
							114A8	45	4960	4740	4470	3810	3300	2970	2640
6.00-16	4.50E 4.00E 4.25KA 5K	165 6.5	735 28.9	341 13.4	2206 86.9	6	88A6	3.3	840	800	760	640	560	500	450
							80A8	48	1850	1760	1680	1410	1240	1100	990
						8	94A6 87A8	4.4 64	1010 2220	960 2110	900 1980	770 1700	670 1480	600 1320	540 1190
						6.50-16	4.00E 5K 5.5F 4.25KA	175 6.9	760 29.9	353 13.9	2283 89.9	6	91A6	3.1	920
							83A8	45	2030	1940	1830	1570	1360	1210	1080
7.50-16	5.50F 5K 6LB	205 8.1	805 31.7	370 14.6	2403 94.6	8	103A6 96A8	3.7 54	1310 2890	1250 2750	1180 2600	1010 2220	875 1930	790 1740	700 1540
9.00-16	W8 W7 6.00F	234	855	394	2556	10	116A6	3.9	1880	1790	1690	1440	1250	1130	1000
		9.2	33.7	15.5	100.6		108A8	57	4150	3950	3730	3180	2760	2490	2210
7.50-18	5.50F	205	860	395	2566	8	107A6	3.7	1460	1390	1320	1120	975	880	780
		8.1	33.9	15.6	101		99A8	54	3220	3060	2910	2470	2150	1940	1720
6.00-19	4.50E	165	814	382	2461	6	93A6	3.3	980	930	880	750	650	590	520
		6.5	32	15	96.9		85A8	48	2160	2050	1940	1650	1430	1300	1150
6.50-20	4.50E	175	865	404	2608	6	97A6	3.1	1100	1040	990	840	730	660	580
		6.9	34.1	15.9	102.7		89A8	45	2430	2290	2180	1850	1610	1460	1280

FarmPRO 303 F-2

FarmPRO 303 is an aesthetically improved modern F2 design. It has an optimized rib design suitable for both on and off road applications. The specially designed rib angles and radius ensure better roadability. Additional rubber layer under tread provides penetration resistance and improved sidewall deflection ensures better stability.



2WD
TRACTOR



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load index speed Sym	Infl. press.	Recommend load, kg (lbs)						
									Speed, km/h (mph)						
		SW mm in	OD mm in						10 ⁽¹²⁾ 6	15 9	20 12	25 16	30 19	35 22	40 25
5.00-15	4.00E	140	665	307	1979	4	73A6/65A8	2.8	550	—	490	420	365	—	—
		5.5	26.2	12.1	77.9			40	1210	—	1080	930	800	—	—
10.00-16	W8L	275	895	410	2700	8	115A6/107A8	2.8	1820	—	1640	1400	1215	—	970
		10.8	35.2	16.1	106.2			41	4010	—	3610	3080	2680	—	2140
11.00-16	W8L	315	965	430	2840	8	118A6/110A8	2.5	1980	—	1780	1520	1320	—	1060
		12.4	38	16.9	111.8			36	4360	—	3920	3350	2910	—	2330
5.50-16	4.00E	150	710	330	2145	6	86A6/78A8	3.7	800	—	720	610	530	—	420
		5.9	28	13	84.4			54	1760	—	1590	1340	1170	—	930

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load index speed Sym	Infl. press.	Recommend load, kg (lbs)						
		SW	OD						Speed, km/h (mph)						
		mm in	mm in					mm in	mm in	bar psi	10 ⁽¹²⁾ 6	15 9	20 12	25 16	30 19
6.00-16	4.50E	165	735	348	2245	6	88A6/	3.3	840	—	760	640	560	—	450
		6.5	28.9	13.7	88.3		80A8	48	1850	—	1670	1410	1230	—	990
6.50-16	4.00E	175	760	358	2285	6	91A6/83A8	3.1	920	—	830	710	615	—	490
		6.9	29.9	14.1	89.9			45	2030	—	1830	1560	1350	—	1080
7.50-16	5.50FX16	205	805	360	2440	6	98A6/	2.8	1130	—	1010	860	750	—	600
		8.1	31.7	14.2	96		90A8	41	2490	—	2220	1890	1650	—	1320
7.50-16	5.50FX16	205	805	380	2460	8	103A6/	3.7	1310	—	1180	1010	875	—	700
		8.1	31.7	15	96.8		96A8	54	2890	—	2600	2220	1930	—	1540
9.00-16	W8	234	855	395	2585	10	116A6/108A8	3.9	1880	—	1690	1440	1250	—	1000
		9.2	33.7	15.6	101.7			57	4140	—	3720	3170	2750	—	2200
7.50-18	5.50FX18	205	860	395	2590	8	107A6/99A8	3.7	1460	—	1320	1120	975	—	780
		8.1	33.9	15.6	101.9			54	3220	—	2910	2470	2150	—	1720
4.00-19	3.00DX19	112	716	330	2134	4	72A6	3.4	530	—	480	410	355	—	280
		4.4	28.2	13	84			49	1170	—	1060	900	780	—	620
6.00-19	W8	165	814	390	2485	6	93A6/85A8	3.3	980	—	880	750	650	—	520
		6.5	32	15.4	97.8			48	2160	—	1940	1650	1430	—	1150
7.50-20	5.5FX20	205	905	425	2735	8	109A6/101A8	3.4	1550	—	1390	1180	1030	—	820
		8.1	35.6	16.7	107.6			49	3410	—	3060	2600	2270	—	1810

313 F-2


2WD
TRACTOR

Alliance 313 tire is a multipurpose low-section steering wheel tire for heavy duty tractors. It provides high mileage on road and industrial applications. It has a strong nylon construction and uses high grade compounds which guarantee long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press.	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				mm in	mm in		mm in	mm in	10 ⁽¹²⁾ 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31
14L-16.1SL	W11C	346 13.6	986 38.8	450 17.7	2930 115.4	6	117 A6	1.9	2230	1930	1730	1480	1285	1160	1030	
							109 A8	28	4910	4250	3810	3260	2830	2560	2270	
						8	123 A6	2.5	2700	2330	2090	1780	1550	1400	1240	
							116 A8	36	5950	5130	4600	3920	3410	3080	2730	
						10	127 A6	3	3040	2630	2360	2010	1750	1580	1400	
							120 A8	44	6700	5790	5200	4430	3850	3480	3080	

571 **IMP** **SB**

STEEL BELTED



TRAILER

Alliance 571 Trailer tire represents an exceptional solution for Agricultural and Utility trailers. This pattern enables efficient ground protection for Turf and Grassland applications. The tire structure with strong steel belt reinforcement and rounded shoulders provide efficient on/off road application, low rolling resistance and outstanding resistance to punctures.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				Mixed application												
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44	
340/65R18	11	340	892	405	2717	145E	5	4790	4060	3560	3250	3150	3120	3050	2970	2900
		13.4	35.1	15.9	107	148A8	73	10550	8940	7840	7160	6940	6870	6720	6540	6390

319 **I-1**



AGRICULTURAL IMPLEMENTS TRAILER BALER

Alliance 319 (Agricultural Implement) is a super low-section implement tire designed for all on road and off-the-road applications. Its strong nylon construction guards against moisture deterioration and ensures best performance.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		Speed, km/h (mph)															
		Free rolling							Drive Wheel								
		SW mm in	OD mm in	mm in	mm in		10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31			
15.0/55-17	13	391 15.4	850 33.5	373 14.7	2470 97.2	10	133A8		2.6	2880	2450	2060	1850	2030	1730	1450	1310
							129 B		38	6340	5400	4540	4070	4470	3810	3190	2890
							121A8										
							118 B										
						14	140 A8		3.6	3500	2980	2500	2250	2450	2080	1750	1580
							136 B		52	7710	6560	5510	4960	5400	4580	3850	3480
							127A8										
							124 B										

SUPER SOFT 802 **R-3**



TRAILER

The Super Soft 802 tires are ideal for pull-type agriculture implements. This tire has been strengthened, and enhanced to provide the best performance for various agricultural and industrial machines.



SIZE	P.R. & LI	TYPE	RIM	O.D. mm	S.W. mm	Rolling Circumference mm	Loaded Static Radius mm	Recommended Load kg	Inflation Pressure bar	Speed km
16.5LX16.1SL	10	TL	14	1029	419	3007	465	2360	2.5	50
				40.5	16.5	118.4	18.3	5203	36	31

Alliance 328 is a tubeless flotation tire with good self cleaning characteristics, suitable for agricultural implements and for towed vehicles in particular. Its high load carrying capacity at low inflation pressures prevents damage to fields and crops. It is suitable for on and off-the road agricultural service on large implements. The tire's strong nylon construction and compounds ensure long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel		Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)															
		Free rolling								Drive Wheel							
		mm in	mm in				mm in	mm in		10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
400/60-15.5 Steel Belted	13.00DC	404 15.9	874 34.4	377 14.8	2510 98.8	-	140A8	➞	2.8	3500	2980	2500	2250	2380	2020	1700	1530
							136 B	➞	41	7710	6560	5510	4960	5240	4450	3740	3370
							126A8	➞									
							123 B	➞									
						8	145A8	➞	3.6	4060	3450	2900	2610	2800	2380	2000	1800
							142B	➞	52	8940	7600	6390	5750	6170	5240	4410	3960
							132A8	➞									
							128 B	➞									
						20	129A8	➞	1.6	2270	1930	1620	1458	1580	1340	1130	1017
							125B	➞	23	4994	4246	3564	3208	3476	2948	2486	2237
							117A8	➞	2	2590	2200	1850	1665	1800	1530	1285	1157
							113B	➞	29	5698	4840	4070	3663	3960	3366	2827	2544
500/60-15.5 Steel Belted	16.00DC	503 19.8	965 38	420 16.5	2780 109.4	12	152A8	➞	5	4970	4220	3550	3195	3500	2980	2500	2250
							140A8	➞	73	10960	9300	7830	7040	7720	6570	5510	4960
							149B	➞	3.3	4970	4220	3550	3200	3430	2920	2450	2210
							139A8	➞	48	10950	9300	7820	7050	7560	6430	5400	4870
14.0/65-16"						14	-----UNDER DEVELOPMENT-----										
19.0/45-17"						14	-----UNDER DEVELOPMENT-----										
500/55-17 Steel Belted	16.00DC	503 19.8	994 39.1	435 17.1	2906 114.4	12	151A8	➞									
							148B	➞	3.3	4830	4110	3450	3110	3330	2830	2380	2140
							138A8	➞	48	10640	9050	7600	6850	7330	6230	5240	4710
							135B	➞									
400/55-17.5	11.75DC 13.00DC	388 15.3	887 34.9	418 16.5	2709 106.6	8	133A8	➞									
							128B	➞	2	2880	2450	2060	1850	1960	1670	1400	1260
							120A8	➞	29	6340	5400	4540	4070	4320	3680	3080	2780
							117B	➞									
						12	140A8	➞									
							136B	➞	3	3710	3150	2650	2390	2590	2200	1850	1670
							127A8	➞	44	8170	6940	5840	5260	5700	4850	4070	3680
							124B	➞									
						16	149A8	➞									
							145B	➞	4	4550	3870	3250	2930	3140	2670	2240	2020
							136A8	➞	58	10020	8520	7160	6450	6920	5880	4930	4450
							132B	➞									
42x25.00-20 NHS	20.50VF	622 24.5	1080 42.5	480 18.9	3160 124.4	12	137A8	➞									
							135 B	➞	3.1	3290	2530	2310	2180	2340	1800	1640	1550
							125A8	➞	45	7250	5570	5090	4800	5150	3960	3610	3410
							123 B	➞									
44x18.00-20 NHS	W14L W14LH	457 18	1143 45	492 19.4	3270 128.7	6	134A8	➞	2.1	3020	2320	2120	2000	2110	1620	1480	1400
							132B	➞									
							122A8 120B	➞	30	6660	5120	4670	4410	4650	3570	3260	3090
						8	147A8	➞									
							145B	➞	2.8	4390	3380	3080	2910	3080	2370	2160	2040
							135A8	➞	41	9670	7440	6780	6410	6780	5220	4760	4490
							133B	➞									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
				Free rolling				Drive Wheel									
				mm in	mm in		mm in	mm in	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	
48x25.00-20 NHS	20.50VF	635 25	1245 49	548 21.6	3620 142.5	10	146A8		2.4 35	4230 9320	3250 7160	2970 6540	2800 6170	2940 6480	2260 4980	2070 4560	1950 4300
							144 B										
							133A8										
						12	31 B										
							151A8										
							149 B	3.1 45	4910 10810	3770 8300	3450 7600	3250 7160	3470 7640	2670 5880	2440 5370	2300 5070	
48x31.00-20 NHS	26.00VF	775 30.5	1245 49	550 21.7	3630 142.9	12	139A8										
							137 B										
							150A8										
						12	148 B	2.8 41	4760 10480	3650 8040	3340 7360	3150 6940	3380 7440	2600 5730	2370 5220	240 4930	
							138A8										
							136 B										

328 VALUE PLUS I-3

FLOTATION

Alliance 328 Value Plus is specially designed for low end applications like balers, wagons and agricultural implements. It displays excellent flotation and self cleaning characteristics. The tire has moderate traction flotation profile and provides maximum soil protection and low compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl.	Recommend load, kg (lbs)								
		press.	Speed, km/h (mph)														
			Free rolling					Drive Wheel									
			mm in					mm in	mm in	mm in	bar psi	10 6	25 16	40 25	50 31	10 6	25 16
10.0/75-15.3	9	268	784	343	2260	12	126A8	⊙→	4.7	2380	—	—	1700	1530	—	—	—
		10.6	30.9	13.5	88.9		114A8	68	5236	—	—	3740	3366	—	—	—	
11.5/80-15.3	9	295	845	375	2456	10	131A8	⊙→	3.4	2730	2320	1950	1755	1900	1620	1360	1224
		11.6	33.3	14.8	96.6		119A8	49	6006	5104	4290	3861	4180	3564	2992	2693	
400/60-15.5	13.00DC	404	874	377	2510	16	148A8	⊙→	4.4	4410	3745	3150	2835	3135	2665	2240	2015
		15.9	34.4	14.8	98.8		136A8	⊙	63.8	9720	8255	6945	6250	6910	5875	4935	4440

TRAILER 448 IMP



Alliance Trailer 448 is specially designed for trailer applications. The non-directional tread pattern with high lug to void ratio provides outstanding maneuverability and stability. Presence of abrasion resistant compound ensures excellent durability. Also, high traction with low rolling resistance assures improved productivity.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)				
								Speed, km/h (mph)				
		Free rolling										
		SW mm in	OD mm in				mm in	mm in	Bar psi	Static	10 6	25 16
9.00-16	6.50H x 16	248	928	420	2665	18	7.6	3890	3040	2530	2360	2120
		9.8	36.5	16.5	104.9	138A6	110	8580	6700	5580	5200	4670
						16	7.25				2300	
							105				5070	

320 IMP



AGRICULTURAL
IMPLEMENTS TRAILER

Alliance 320 is a low-section implement tire with high load capacity and minimum soil compaction. This is an ideal tire for modern farming designed for on and off road applications. Its strong nylon construction provides superior performance and durability.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel		Infl. press.	Recommend load, kg (lbs)													
		Speed, km/h (mph)																					
		Free rolling					Drive Wheel																
		mm in	mm in				mm in	mm in		10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31						
10.0/75-15.3	9	264 10.4	760 29.9	343 13.5	2243 88.3	10	123A8	↻	3.9 57	2170 4780	1840 4050	1550 3410	1400 3080	1530 3370	1300 2860	1090 2400	980 2160						
							119B																
							111A8	↻															
							107B																
						12	126A8	↻	4.7 68	2380 5240	2020 4450	1700 3740	1530 3370	1650 3630	1400 3080	1180 2600	1060 2330						
							122B																
							114A8	↻															
							110B																
						14	130A8	↻	5.5 80	2660 5860	2260 4980	1900 4190	1710 3770	1850 4070	1570 3460	1320 2910	1190 2620						
							126B																
							118A8	↻															
							114B																
18	135A8	↻	7.1 103	3050 6835	2595 5815	2180 4885	1960 4390	2100 4705	1785 4000	1500 3360	1350 3025												
	122A8	↻																					
11.5/80-15.3 Steel Belted	9	290 11.4	845 33.3	372 14.6	2456 96.7	10	131A8	↻	3.4 49	2730 6010	2320 5110	1950 4300	1760 3880	1900 4190	1620 3570	1360 3000	1220 2690						
							127B																
							119A8	↻															
							115B																
						12	134A8	↻	4.1 59	2970 6540	2520 5550	2120 4670	1910 4210	2100 4630	1790 3940	1500 3300	1350 2970						
							130B																
							122A8	↻															
							119B																
						11.5/80-15.3 Steel Belted	9	290 11.4	845 33.3	372 14.6	2456 96.7	14	139A8	↻	4.75 69	3400 7490	2890 6370	2430 5350	2190 4820	2380 5240	2020 4450	1700 3740	1530 3370
													135B										
													126A8	↻									
													123 B										
16	142A8	↻	5.5 80	3710 8170	3150 6940							2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680						
	138B																						
	129A8	↻																					
	125B																						
18	144A8	↻	6.25 91	3920 8640	3330 7340	2800 6170	2520 5555	2800 6170	2380 5245	2000 4410	1800 3965												
	132A8	↻																					
12.5-15.3	9	307 12.1	875 34.4	389 15.3	2558 100.7	14	142A8	↻	4.3 62	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680						
							138B																
							129A8	↻															
							125B																
						16	144A8	↻	4.9 71	3920 8630	3330 7330	2800 6170	2520 5550	2730 6010	2320 5110	1950 4300	1760 3880						
							140B																
							131A8	↻															
							127B																
500/55-15.5	16	503 19.8	944 37.2	410 16.1	2720 107.1	12	145A8	↻	2.4 35	3990 8790	3390 7470	2850 6280	2570 5660	2800 6170	2380 5240	2000 4410	1800 3960						
							141B																
							132A8	↻															
							128B																
13.0/75-16	11	336 13.2	900 35.4	404 15.9	2648 104.3	10	135A8	↻	3 44	3050 6720	2590 5700	2180 4800	1960 4320	2100 4630	1790 3940	1500 3300	1350 2970						
							131B																
							122A8	↻															
							119B																

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)														
		Speed, km/h (mph)																					
		Free rolling							Drive Wheel														
		mm in	mm in						mm in	mm in	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31					
14.0/65-16	11	353 13.9	870 34.3	389 15.3	2552 100.5	10	134A8		2.8 41	2970 6540	2520 5550	2120 4670	1910 4210	2100 4630	1790 3940	1500 3300	1350 2970						
							130B																
							122A8																
						14	119B																
							141A8																
							137B		4 58	3610 7950	3060 6740	2575 5670	2320 5110	2520 5550	2140 4710	1800 3960	1620 3570						
500/50-17 Available as D tire (65 km/h)	16	500 19.7	940 37	415 16.3	2736 107.7	10	143A8		2 29	3820 8410	3240 7140	2725 6000	2450 5400	2660 5860	2260 4980	1900 4190	1710 3770						
							139B																
							130A8																
						14	126B																
							149A8																
							145B		2.75 40	4550 10020	3870 8520	3250 7160	2930 6450	3220 7090	2740 6040	2300 5070	2070 4560						
						16	137A8																
							133B																
							152A8		3.25 47	5020 11060	4270 9410	3585 7900	3230 7110	3500 7710	2980 6560	2500 5510	2250 4960						
						10.5/80-18	9	274 10.8	885 34.8	406 16	2639 103.9	10	140A8		3.7 54	2730 6010	2320 5110	1950 4300	1760 3880	1900 4190	1620 3570	1360 3000	1220 2690
													131A8										
													127B										
12.5/80-18	9	308 12.1	965 38	432 17	2834 111.6							12	119A8		3.7 54	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680
													142A8										
						138B																	
						13.0/65-18	11	336 13.2	890 35	398 15.7	2611 102.8	12	125B		4.9 71	4410 9710	3750 8260	3150 6940	2840 6260	3050 6720	2590 5700	2180 4800	1960 4320
													148A8										
144B																							
15.0/70-18	13	391 15.4	990 39	442 17.4	2902 114.3							16	135A8		3.1 45	4060 8940	3450 7600	2900 6390	2610 5750	2880 6340	2450 5400	2060 4540	1850 4070
													131B										
						138A8																	
						16.0/70-20	14	418 16.5	1075 42.3	481 18.9	3156 124.3	12	121B		4.25 62	4830 10640	4110 9050	3450 7600	3110 6850	3400 7490	2890 6370	2430 5350	2190 4820
													144A8										
140B																							
16.0/70-20	14	418 16.5	1075 42.3	481 18.9	3156 124.3							14	131A8		3.5 51	5250 11560	4460 9820	3750 8260	3380 7440	3710 8170	3150 6940	2650 5840	2390 5260
													142A8										
						138B																	

320 VALUE PLUS IMP



A 320 Value Plus is specially designed for agricultural implements. Its large footprint & high rubber to void ratio minimizes soil compaction. Strong textile construction ensures optimal performance and long tire life. This tire can be used on roads and also for grassland and sensitive soil applications in the fields.



Size	Rim Width (inch)	Unloaded Dimension		Loaded Static Radius	Rolling Circumference	PR LOAD INDEX / SPEED SYMBOL	Inflated Pressure (Bar)	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
				Free rolling								
				Static -	10 6			25 16	30 18	40 25		
7.00-12 (3 rib)	4.25X12	185	667	295	1944	6	2.5	1280	1000	830	775	700
		7.3	26.3	11.6	76.5	99A6	36	2816	2200	1826	1705	1540
10.0/80-12 (3 rib)	9.00X12	264	710	309	2090	10	3.9	2640	2060	1710	1600	1440
		10.4	28	12.2	82.2	124A6	57	5808	4532	3762	3520	3168
10.0/75-15.3 (3 rib)	9	264	760	343	2243	10	5.3	3070	2400	1980	1850	1650
						129A6	76	6768	5291	4365	4079	3638
						125A8						
						14	7.5	3760	2945	2430	2240	2000
						136A6	108	8289	6493	5357	4938	4409
						132A8						
11.5/80-15.3 (3 rib)	9	290	845	376	2470	10	3.4		3220	2740	2300	2070
						137A6	49		7084	6028	5060	4554
						133A8						
						14	6.5	4810	3765	3110	2900	2575
						145A6	94	10604	8300	6856	6393	5677
						141A8						
12.5/80-15.3 (3 rib)	9	307	875	389	2558	14	5.9	5245	4105	3390	3150	2800
						148A6	85	11563	9050	7474	6944	6173
						144A8						
400/60-15.5 (3 rib)	13DC	404	874	376.7	2569	16						
						152A6	5.5	5940	4650	3840	3550	3150
						148A8	79	13095	10251	8466	7826	6944
						20	5	6600	5160	4280	4000	3600
6.00-16 (3 rib)	4.00EX16	169	712	330	2160	6	2.8	1280	1000	830	775	700
		6.7	28	13	85	99A6	40	2816	2200	1826	1705	1540
10.5/65-16 (3 rib)	9.00X16	274	755	346	2335	14	5.6	3500	2730	2270	2120	1910
		10.8	29.7	13.6	91.9	134A6	81	7700	6006	4994	4664	4202
13.0/55-16 (3 rib)	11X16	336	770	345	2350	14	4.2	3800	2970	2460	2300	2070
		13.2	30.3	13.6	92.5	137A6	61	8360	6534	5412	5060	4554
15.0/55-17 (5 rib)	13.00X17	391	850	372	2490	10	2.6	3890	3040	2530	2360	2120
						138A6	38	8558	6688	5566	5192	4664
						14	3.7	4250	3320	2760	2575	2320
						141A6	54	9350	7304	6072	5665	5104
19.0/45-17 (7 rib)	16	472	866	383.8	2578	14PR	2.8	5200	—	3370	3150	2840
		18.6	34.1	15.1	101.4	148A6	41	11440	—	7414	6930	6248
500/50-17 (5 rib)	16	500	932	424.3	2760	14PR	2.8	6020	—	3910	3650	3290
		19.7	36.7	16.7	108.6	153A6	41	13244	—	8602	8030	7238
10.5/80-18 (3 rib)	W9X18	274	885	390	2620	10PR	3.7	3600	2810	2330	2180	1960
		10.8	34.8	15.4	103.1	135A6	54	7920	6182	5126	4796	4312
12.5/80-18 (3 rib)	W9X18	308	965	422	2870	12	3.7	4790	3740	3100	2900	2610
						145A6	54	10538	8228	6820	6380	5742
						142A8						
						16	4.9	5860	4580	3800	3550	3200
						152A6	71	12892	10076	8360	7810	7040
16.0/70-20 (5 rib)	13.00x20	418	1075	458.5	3158	12PR	3	6390	5000	4150	3875	3490
		16.5	42.3	18.1	124.3	155A6	44	14058	11000	9130	8525	7678

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)														
		Free rolling							Drive Wheel							
		SW	OD													
		mm in	mm in	mm in	mm in		Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
560/60-22.5	16	565 22.2	1250 49.2	547 21.5	3618 142.4	12	164A8	3 44	7000 15420	5950 13110	5000 11010	4500 9910	4900 10790	4170 9190	3500 7710	3150 6940
							160B									
							152A8									
						16	148B	3.75 54	8120 17890	6900 15200	5800 12780	5220 11500	5780 12730	4910 10810	4125 9090	3710 8170
							169A8									
							165B									
600/55-22.5	20	620 24.4	1250 49.2	547 21.5	3618 142.4	16	157A8	3.5 51	8400 18500	7140 15730	6000 13220	5400 11890	5880 12950	5000 11010	4200 9250	3780 8330
							154B									
							170A8									
							167B									
							158A8									

223 I-1



Alliance 223 Implement is a heavy-duty tire designed to carry heavy loads under tough field conditions. The strong nylon construction and the all-around protection against ozone layer impact and sunlight ensure long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
									Free rolling				Drive Wheel				
									mm in	mm in	mm in	mm in	bar psi	10 6	25 16	40 25	50 31
9.00-13	5.50F	236 9.3	780 30.7	354 13.9	2310 90.9	8	119A8		2.4 35	1900 4190	1620 3570	1360 3000	1220 2690	1330 2930	1130 2490	950 2090	860 1890
							115 B										
							106A8										
						12	102 B		3.1 45	2170 4780	1840 4050	1550 3410	1400 3080	1530 3370	1300 2860	1090 2400	980 2160
							123A8										
							120 B										
							111A8										
							107 B										

543 I-1



Alliance 543 High Speed tire is ribbed to provide excellent performance for free rolling wheels for use on harvesting machines, hay balers, bale racks, seeders, windrowers and fertilizer & manure spreaders. It provides easy steering of machinery/equipment due to its heavily grooved ribs. The tire provides adequate flotation for machinery and has high density rubber compounding on its tread. This tire is DOT certified for intermittent highway use.



Size	Rim	Unloaded Dimension		SLR	Rolling Circumference	PR	A.P.	Recommend load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm in	mm in	mm in	mm in		bar psi	100 62
9.5L-15FI	8LB	246	766	349	2283	Load Range D	4.14	1216
		9.7	30.2	13.7	89.9		60	2681
11L-15FI	8LB					Load Range D	4.13	1397
		264	785	352	2301		60	3080
		10.4	30.9	13.9	90.6	Load Range F	6.2	1796.2
							90	3960
12.5L-15FI	8LB	318	820	366	2392	Load Range D	4.13	1696.4
		12.5	32.3	14.4	94.2		60	3740

351 I-1



Alliance 351 is an implement tire with five-ribs designed for on and off road implement and trailer applications. The tire can be mounted on drive wheels for best performance in soft and dry conditions.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		Speed, km/h (mph)															
		Free rolling							Drive Wheel								
		SW mm in	OD mm in						mm in	mm in	10 6	25 16	40 25	50 31	10 6	25 16	40 25
11.25-24SL Steel Belted	W10H W10 W8 W8H	325 12.8	1171 46.1	530 20.9	3460 136.2	8	128A8		2.2 32	2520 5550	2140 4710	1800 3960	1620 3570	1750 3850	1490 3280	1250 2750	1130 2490
							124 B										
							116A8										
							112 B										
						10	134A8		2.7 39	2970 6540	2520 5550	2120 4670	1910 4210	2100 4630	1790 3940	1500 3300	1350 2970
							130 B										
							122A8										
							119 B										
						12	138A8		3.3 48	3300 7270	2810 6190	2360 5200	2120 4670	2310 5090	1960 4320	1650 3630	1490 3280
							134 B										
							125A8										
							122 B										
11.25-28SL	W10H W10	325 12.8	1273 50.1	580 22.8	3780 148.8	12	139A8		3.3 48	3400 7490	2890 6370	2430 5350	2190 4820	2380 5240	2020 4450	1700 3740	1530 3370
							135 B										
							126A8										
							123 B										
						14	142A8		3.7 54	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680
							138 B										
							129A8										
							125 B										

542 I-1



Alliance 542 is designed for free-rolling wheels used in harvesting machines, hay balers, bale racks, seeders, windrowers, and fertilizer/manure spreaders. It allows easy steering of machinery/equipment due to its enhanced grooved ribs.



542 (7 Ribs)

Size	Rim	Unloaded Dimension		SLR	Rolling Circumference	PR	A.P.	Recommend load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in					48	30
11L-14SL	8KB	280	754	342	2236	8	2.48	1120	
		11	29.7	13.5	88		36	2470	
9.5L-14SL	7.0	241	748	342	2234	8	3.03	1088.6	
		9.5	29.4	13.5	88		44	2400	

Size	Rim	Unloaded Dimension		SLR	Rolling Circumference	PR	A.P.	Recommend load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm in	mm in				bar psi	48 30
11L-15SL	8LB	266 10.5	780 30.7	350 13.8	2288 90.1	8	2.482 36	1152 2540
						12	3.58 52	1450 3200
12.5L-15SL	10LB	319 12.6	835 32.9	372 14.6	2431 95.7	8	2.5 36	1361 3000
						12	3.03 44	1551 3420
6.70-15SL	4J	170 6.7	722 28.4	327 12.9	2136 84.1	6	3.033 44	839 1850
						8	3.585 52	1100 2405
7.60-15SL	7J	208 8.2	737 29	333 13.1	2175 85.6	8	3.03 44	1120 2470
						12	4.4 64	1450 3200
9.5L-15SL	8LB	249 9.8	768 30.2	352 13.9	2267 89.3	8	3.45 50	2240.7 4940
						12	5.2 72	2400 5280
11.00-16SL	8.0	315 12.4	949 37.4	420 16.5	2746 108.1	8	3.3 48	1060 2340
						10	4.1 60	1215 2680
7.50-16SL	5.5F	217 8.5	788 31	363 14.3	2370 93.3	10	3.6 52	1500 3300
						12	2.5 36	2993.5 6600
9.00-16SL	6LB	264 10.4	856 33.7	390 15.4	2547 100.3	10	3.6 52	1500 3300
						12	2.5 36	2993.5 6600
19L-16.1SL	W16C	480 18.9	1060 41.7	462 18.2	3020 118.9	12	1.9 28	2993.5 6600
						18	3 44	4000 8800
21.5L-16.1SL	W18	545 21.5	1139 44.8	494 19.4	3277 129	10	3 44	4000 8800
						18	3 44	4000 8800

AS 323 R-1



Alliance AS-323 Agriculture tire is designed for tractors, implements, self-propelled harvesting equipment and light industrial/construction applications. It has superior carcass casing and bead construction for better the tire life. The extra deep lug provides good performance under severe working conditions. The specially designed directional tread pattern provides excellent traction and self-cleaning properties. The tire is made of special rubber compound which provides greater resistance to tire failure, tear resistance, thus enhancing the tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)																		
		SW	OD					Speed, km/h (mph)																		
				Free Rolling					Cyclic Applications																	
				mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31								
10.0/75-15.3	9	264	780	348	2293	10	3.9	—	2170	1845	1550	1395	1525	1300	1090	980										
		10.4	30.7	13.7	90.3	123A8											56	—	4785	4065	3415	3075	3360	2865	2400	2160
		111A8																								
11.5/80-15.3	9	290	867	389	2574	12	4.1	—	3050	2595	2180	1960	2170	1845	1550	1395										
		11.4	34.1	15.3	101.3	135A8											60	—	6725	5720	4805	4320	4785	4065	3415	3075
		123A8																								
		18	6.1	3820	3240	2725											2450	2660	2260	1900	1710					
		143A8	88	8420	7140	6010											5400	5860	4980	4190	3770					
130A8																										
7.50-16	5.5	209	805	362	2367	8	3.25	—	1570	1335	1120	1010	1085	925	775	700										
		8.2	31.7	14.3	93.2	112A8											47	—	3460	2940	2470	2225	2390	2040	1705	1540
		99A8																								

316 R-3



2WD
TRACTOR

The Alliance 316 is a multi-purpose tractor tire that provides high flotation on soft soil. The flotation provides plant and lawn protection as well as orchard and grove protection. The tire is suitable for on-the-road, industrial and road construction equipment. The tire is built with a strong nylon construction and has a rugged design.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				Not high and sustained torque; Road transport						Field operation						
										Low Torque		High Torque				
		mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12
12.4-16	W11 W10L 10LB	315 12.4	931 36.7	429 16.9	2783 109.6	10 121A8	3	3060	2000	1640	1420	1330	1210	1860	1600	1420
							44	6740	4410	3610	3130	2930	2670	4100	3520	3130
							3.2	3170	2070	1700	1480	1380	1260	1930	1660	1480
							46	6980	4560	3740	3260	3040	2780	4250	3660	3260
							3.5	3340	2180	1780	1550	1450	1320	2030	1740	1550
							51	7360	4800	3920	3410	3190	2910	4470	3830	3410

317 R-1



WEAR
RESISTANT
COMPOUND



HEAT
RESISTANT
COMPOUND



TRAILER

Alliance 317 tire is designed for applications that require high traction. It is engineered to provide the best performance for on and off road services in tough weather conditions. The tire provides excellent traction to drive wheels and has a strong nylon carcass construction.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index PR Symbols	Infl.Press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				Drive wheel				Free rolling								
		mm	mm	mm	mm		bar	10	20	30	40	10	20	30	40	
in	in	in	in	psi	6	12	19	25	6	12	19	25				
11.5/80-15	8	285	867	383	2520	8										
		11.2	34.1	15.1	99.2	126A6/123A8	2.7 39	1520 3350	1350 2980	1180 2600	1060 2340	2190 4830	1940 4280	1700 3750	1530 3370	
						114A6/110A8										
10.0/75-15.3	9	264 10.4	780 30.7	343 13.5	2270 89.4	6										
						112A6/108A8	2.3 33	1000 2210	880 1940	775 1710	700 1540	1440 3180	1280 2820	1120 2470	1010 2230	
						99A6/96A8										
						8										
						118A6/114A8	3.1 45	1190 2620	1050 2320	925 2040	830 1830	1700 3750	1500 3310	1320 2910	1190 2620	
						105A6/101A8										
						10										
						123A6/120A8	3.9 57	1410 3110	1240 2730	1090 2400	980 2160	2000 4410	1770 3900	1550 3420	1400 3090	
						111A6/107A8										
						12										
						123A6/123A8	4.7 68	1680 3700	1430 3150	1200 2650	1080 2380	2380 5250	2020 4450	1700 3750	1530 3370	
						115A6/111A8										

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index PR Symbols	Infl.Press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Drive wheel				Free rolling				
								mm	mm	mm	mm	10	20	30	40	
								in	in	in	in	bar	10	20	30	40
						psi	6	12	19	25	6	12	19	25		
11.5/80 - 15.3	9	290 11.4	867 34.1	383 15.1	2520 99.2	8										
						126A6/123A8	2.7 39	1520 3351	1350 2976	1180 2601	1060 2337	2190 4828	1940 4277	1700 3748	1530 3373	
						114A6/110A8										
						10										
						131A6/127A8	3.4 49	1750 3858	1550 3417	1360 2998	1220 2690	2520 5556	2220 4894	1950 4299	1760 3880	
						119A6/115A8										
						12										
						134A6/130A8	4.1 59	1940 4277	1710 3770	1500 3307	1350 2976	2730 6019	2420 5335	2120 4674	1910 4211	
						122A6/119A8										
						14										
						139A6/135A8	4.75 69	2190 4828	1940 4277	1700 3748	1530 3373	3130 6900	2770 6107	2430 5357	2190 4828	
						126A6/123A8										
10.5/80-18	9	274 10.8	907 35.7	408 16.1	2670 105.1	6										
						121A6/118A8	2.2 32	1290 2844	1140 2513	1000 2205	900 1984	1870 4123	1650 3638	1450 3197	1310 2888	
						108A6/104A8										
						10										
						131A6/127A8	3.7 54	1750 3858	1550 3417	1360 2998	1220 2690	2520 5556	2220 4894	1950 4299	1760 3880	
						119A6/115A8										
12.0/75-18	9	299 11.8	915 36	411 16.2	2690 105.9	10										
						135A6/131A8	3.3 48	2000 4409	1770 3902	1550 3417	1400 3086	2810 6195	2490 5490	2180 4806	1960 4321	
						123A6/120A8										
						12										
139A6/135A8	4 58	2190 4828	1940 4277	1700 3748	1530 3373	3130 6900	2770 6107	2430 5357	2190 4828							
126A6/123A8																
12.5/80-18	9	308 12.1	987 38.9	440 17.3	2890 113.8	10										
						138A6/134A8	3.1 45	2130 4696	1880 4145	1650 3638	1490 3285	3040 6702	2690 5930	2360 5203	2120 4674	
						125A6/122A8										
						12										
142A6/138A8	3.7 54	2390 5269	2110 4652	1850 4079	1670 3682	3420 7540	3020 6658	2650 5842	2390 5269							
129A6/125A8																
16.0/70-20	14	418 16.5	1097 43.2	490 19.3	3220 126.8	10										
						146A6/143A8	2.5 36	2730 6019	2420 5335	2120 4674	1910 4211	3870 8532	3420 7540	3000 6614	2700 5952	
						134A6/130A8										
						12										
						150A6/146A8	3 44	3040 6702	2690 5930	2360 5203	2120 4674	4320 9524	3820 8422	3350 7385	3020 6658	
						138A6/134A8										
						14										
						153A6/149A8	3.5 51	3320 7319	2940 6482	2575 5677	2320 5115	4710 10384	4160 9171	3650 8047	3290 7253	
						141A6/137A8										

HI TRACTION 321

R-4

C+C

CUT&CHIP RESISTANT COMPOUND



TRAILER



BALER

Alliance 321 Construction Machinery tire is designed for tough on & off road requirements of modern compact construction machinery and other equipment where moderate traction and long life is required. Its strong nylon carcass casing provides improved resistance to structural failure of the tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		Speed, km/h (mph)															
		Free rolling							Drive Wheel								
		mm in	mm in						mm in	mm in	10 6	25 16	40 25	50 31	10 6	25 16	40 25
10.5/80-18	9	277 10.9	910 35.8	410 16.1	2683 105.6	10	131A8	→	3.7 54	2730 6010	2320 5110	1950 4300	1760 3880	1900 4190	1620 3570	1360 3000	1220 2690
							127 B	→									
							119A8	→									
							115 B	→									
						12	135A8	→	4.9 71	2170 4780	1840 4060	1550 3420	1400 3090	3050 6720	2590 5710	2180 4810	1960 4320
							131B	→									
							123A8	→									
							120B	→									
12.5/80-18	9 11	308 12.1	987 38.9	440 17.3	2891 113.8	10	139A8	→	3.1 45	3400 7490	2890 6370	2430 5350	2190 4820	2380 5240	2020 4450	1700 3740	1530 3370
							134 B	→									
							126A8	→									
							123 B	→									
						12	142A8	→	3.7 54	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680
							138 B	→									
							129A8	→									
							125 B	→									
						14	145A8	→	4.3 62	2840 6260	2420 5340	2000 4410	1800 3970	4060 8950	3450 7610	2900 6390	2610 5750
							141B	→									
							132A8	→									
							128B	→									
10.5-20	9	270 10.6	955 37.6	433 17	2827 111.3	10	133A8	→	3.75 54	2880 6340	2450 5400	2060 4540	1850 4070	2030 4470	1730 3810	1450 3190	1310 2890
							129 B	→									
							121A8	→									
							118 B	→									
12.5-20	11	325 12.8	1040 40.9	475 18.7	3093 121.8	10	135A8	→	3 44	2380 5250	2020 4450	1700 3750	1530 3370	3400 7500	2890 6370	2430 5360	2190 4830
							131B	→									
							123A8	→									
							120B	→									
						12	138A8	→	3.5 51	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680
							134 B	→									
							125A8	→									
							122 B	→									

312

HF-2

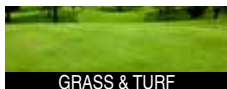
WRC

FLOTATION

WEAR
RESISTANT
COMPOUND

TRAILER

Alliance 312 is a Grassland Flotation Tire (High Flotation) which improves mobility of utility vehicles and agricultural implements. It can replace dual tire configurations. The tire can carry heavy load with low inflation pressure and rolling resistance. Its large footprint minimizes damage to field and crops. The nylon carcass and special ozone resistant compound ensures longer tire life.



GRASS & TURF



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)														
		Mixed application														
		SW	OD						10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
mm in	mm in	mm in	mm in	mm in	mm in	Load index speed Sym	bar psi									
26x12.00-12 NHS	10.5	289 11.4	665 26.2	292 11.5	1929 75.9	4	94A8	1.4	980	880	840	790	750	720	680	650
							93B	20	2160	1940	1850	1740	1650	1590	1500	1430
						6	103A8	2.1	1240	1120	1060	1010	950	910	870	825
							101B	30	2730	2470	2330	2220	2090	2000	1920	1820

332

HF-3

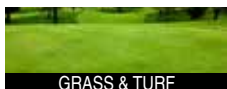
SC

FLOTATION

SPECIAL
COMPOUND

TRAILER

Alliance 332 is a high flotation tire which improves mobility of utility vehicles and agricultural implements. It can be used to replace dual configuration tires. The tire is engineered for high load carrying capacity with reduced inflation and rolling resistance. The large footprint minimizes damage to field and crops. The nylon carcass and special ozone resistant compound ensure longer tire life.



GRASS & TURF



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)														
		Mixed application														
		SW	OD													
mm in	mm in	mm in	mm in	mm in	mm in	Load index speed Sym	bar psi	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31	
31x15.50-15 NHS Normalized tire dimensions	13LB	391 15.4	792 31.2	353 13.9	2319 91.3	4	100 A8	1.4	1160	1050	1000	950	890	850	810	775
							99 B	20	2560	2310	2200	2090	1960	1870	1780	1710
						6	109 A8	2.1	1460	1330	1260	1190	1120	1070	1020	975
							107 B	30	3220	2930	2780	2620	2470	2360	2250	2150
						8	118A8	3.1	1880	1700	1610	1530	1440	1380	1310	1250
							116 B	45	4140	3740	3550	3370	3170	3040	2890	2750
						10	-----UNDER DEVELOPMENT-----									

AGRI - LOADER

344 LS-2



Alliance 344 represents the most sophisticated steel belted tire design for application on Loaders. Its high, wide and robust lugs at low angle provide excellent grip for working on a wide range of severe terrains or when high traction forces are necessary for hard operations. Strong lugs enable efficient work, while large contact area efficiently protects the soil against excessive compaction. Strong steel breakers reinforce basic textile tire structure providing efficient puncture protection. Special durable tread compound, together with high under tread gauge and strong & thick sidewalls enable long secure work in all uses.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		SW	OD				Constant load								Cyclic Applications		
		mm in	mm in				mm in	mm in	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	5 3
750/55R26.5 STEEL BELTED	AG24.00	740	1485	672	4532	177A8	4.5	16790	9130	8250	7960	7740	7590	7450	7300	12190	10950
		29.1	58.5	26.5	178.4		65	36980	20110	18170	17530	17050	16720	16410	16080	26850	24120

370 R-1W



Alliance 370 wide base radial tires are developed for loaders and for field and hauling applications. The tire provides higher load capacity (about 10% more) at the same inflation pressure compared with the standard. The special R-1W traction tread pattern with radial nylon casing, rigid belts, mudguard and unique shoulder design ensure excellent grip and high traction efficiency. The large tire footprint area reduces average ground pressure, minimizes soil compaction and increases flotation abilities.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		SW	OD				Not high and sustained torque; Road transport						Field operation			
													Low Torque		High Torque	
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6			
620/70R26	DW20B	625	1500	662	4388	177A8	4	16790	10950	8100	7810	7300	7300	10220	8760	7810
	W18L	24.6	59.1	26.1	172.8		58	36938	24090	17820	17182	16060	16060	22484	19272	17182

FORESTRY

Logskidder

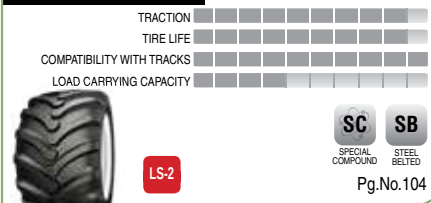
345 FORESTAR



344 FORESTAR

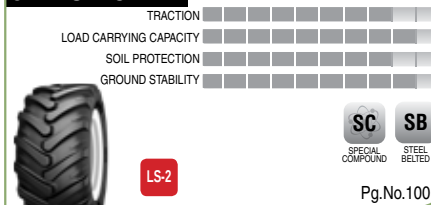


644 FORESTAR III

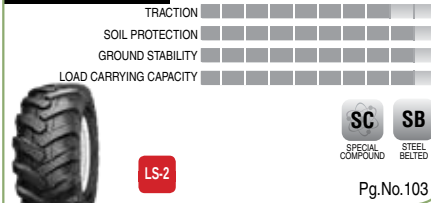


Forwarder & Harvester

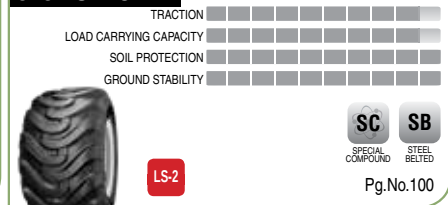
342 FORESTAR



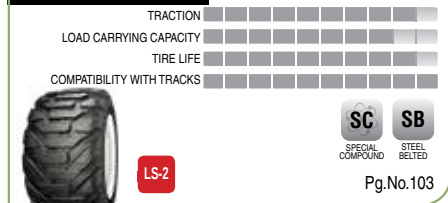
346 FORESTAR



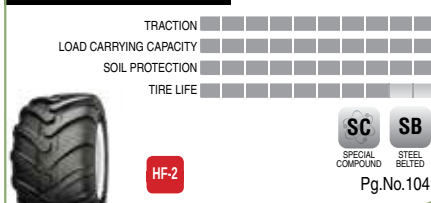
343 FORESTAR



643 FORESTAR III

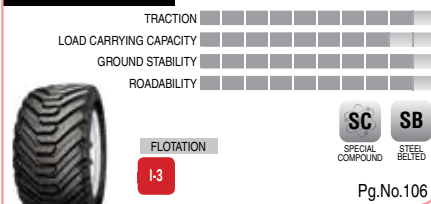


344 FORESTAR ELIT

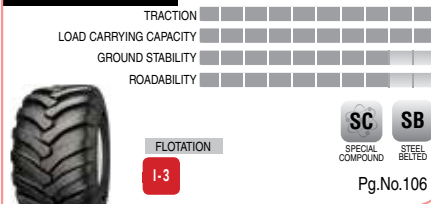


Forestry Trailer - Flotation

328 FORESTRY

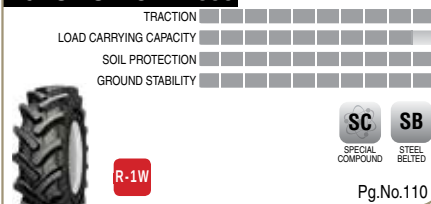


331 FORESTRY

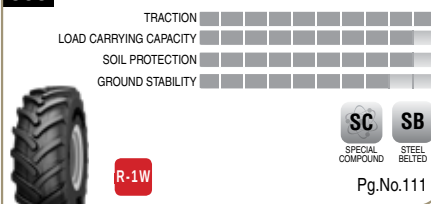


Agro Forestry

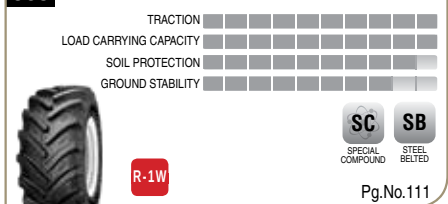
AGRO-FORESTRY 333



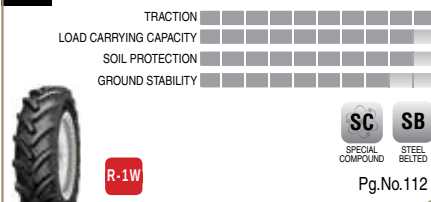
360



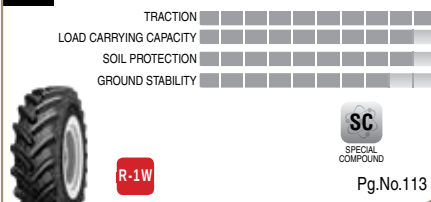
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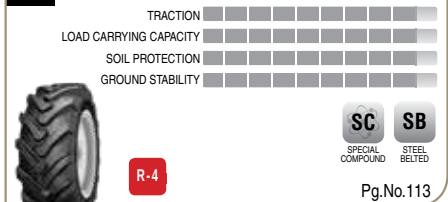
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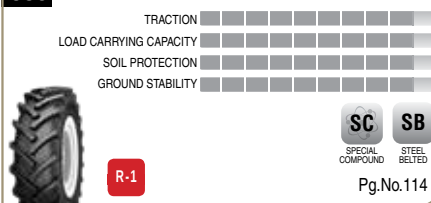
385



580



356



Log Skidder



345 FORESTAR LS-2



Alliance 345 Forestar is a bias belted tire with steel reinforcement for high puncture resistance. The tire uses special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tire provides exceptional performance. Its lower lug angle provides excellent grip. Its wide inter-lug space gives self cleaning characteristics which is vital in logging applications. The close spacing of the lugs in the centre of the tire reduces rolling resistance on hard surfaces. The 345 is designed to handle various terrains without chains/bogie trucks.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application								
								Speed, km/h (mph)								
								Recommended load, kg (lbs)								
								logging or forestry service								cable/grapple skidders
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	15 9	25 16	30 19	40 25	50 31	bar psi	10 6	
18.4-26	DW16A	467 18.4	1445 56.9	663 26.1	4310 169.7	14										
						148A6	2.5 36	8510 18740	3780 8330	3470 7640	3150 6940	2840 6260	- -	2.9 42	4410 9710	
						159A2										
						16	2.75	9590	4260	3910	3550	3195	-	-	-	
						152A6	40	21140	9390	8620	7830	7040	-	-	-	
23.1-26	DW20A	587 23.1	1610 63.4	734 28.9	4781 188.2	14										
						157A6	2.1 30	11140 24540	4950 10900	4540 10000	4125 9090	3710 8170	- -	2.4 35	5780 12730	
						169A2										
						16	2.4	12040	5350	4910	4460	4010	-	2.75	6240	
						160A6	35	26520	11780	10810	9820	8830	-	40	13740	
28L-26	DW25A	715 28.1	1638 64.5	746 29.4	4861 191.4	172A2										
						16	1.9	12260	5450	4990	4540	4090	-	2.3	6360	
						160A6	28	27000	12000	10990	10000	9010	-	33	14010	
						20	2.4	13910	6180	5670	5150	4640	-	2.8	7210	
						165A6	35	30640	13610	12490	11340	10220	-	41	15880	
16.9-30	DW15A	429 16.9	1504 59.2	696 27.4	4508 177.5	177A2										
						26	3.6	17550	7800	7150	6500	5850	-	3.9	9100	
						173A6	52	38660	17180	15750	14320	12890	-	57	20040	
						184A2										
						14	2.9	8510	3780	3470	3150	2840	-	3.3	4410	
18.4-30	DW16A	470 18.5	1547 60.9	723.5 28.5	4667 183.7	148A6	42	18740	8330	7640	6940	6260	-	48	9710	
						159A2										
						16	3.25	9050	4020	3690	3350	3015	-			
						150A6	47	19950	8860	8140	7390	6650	-			
						14	2.5	8780	3900	3580	3250	2930	-	2.9	4550	
24.5-32	DW21A	622 24.5	1817 71.5	833 32.8	5450 214.6	16	36	19340	8590	7890	7160	6450	-	42	10020	
						16	2.75	9860	4380	4020	3650	3285	-			
						153A6	40	21740	9660	8860	8050	7240	-			
						16	2.1	13500	6000	5500	5000	4500	-	2.4	7000	
						164A6	30	29740	13220	12110	11010	9910	-	35	15420	
30.5L-32	DW27A DH27	775 30.5	1847 72.7	846 33.3	5500 216.5	176A2										
						20	2.7	15660	6960	6380	5800	5220	-	3.1	8250	
						169A6	39	34490	15330	14050	12780	11500	-	45	18170	
						181A2										
						16	1.7	14310	6360	5830	5300	4770	-	2.05	7420	
30.5L-32	DW27A DH27	775 30.5	1847 72.7	846 33.3	5500 216.5	166A6	25	31520	14010	12840	11670	10510	-	30	12930	
						178A2										
						18	2.05	16200	7200	6600	6000	5400	-	2.4	8250	
						170A6	30	35680	15860	14540	13220	11890	-	35	18170	
						181A2										
30.5L-32	DW27A DH27	775 30.5	1847 72.7	846 33.3	5500 216.5	20	2.15	19170	8520	7810	6150	6390	-	2.5	8500	
						171A6	31	42220	18770	17200	13550	14070	-	36	18720	
						182A2										
						26	2.75	19170	8520	7810	7100	6390	-	3.1	10000	
						176A6	40	42220	18770	17200	15640	14070	-	45	22000	
30.5L-32	DW27A DH27	775 30.5	1847 72.7	846 33.3	5500 216.5	188A2										

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application								
								Speed, km/h (mph)								
		Recommended load, kg (lbs)								cable/grapple skidders						
		logging or forestry service														
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	15 9	25 16	30 19	40 25	50 31	bar psi	10 6	
35.5L-32	DH31	896 35.3	2010 79.1	919 36.2	5979 235.4	20 177A6	1	19710	8760	8030	7300	6570	-	2.15	10300	
						189A2	26	43410	19300	17690	16080	14470	-	31	22690	
						26										
						183A6	2	23630	10500	9630	8750	7880	-	2.8	12150	
						195A2	35	52050	23130	21210	19270	17360	-	41	26760	
18.4-34	DW16A	467 18.4	1656 65.2	768 30.2	4971 195.7	14 150A6	2.5	9050	4020	3690	3350	3020	-	2.9	4690	
						162A2	36	19930	8850	8130	7380	6650	-	42	10330	
						16	2.75	10130	4500	4130	3750	3375	-			
						154A6	40	22330	9920	9110	8270	7440	-			
						18.4-38*								-----UNDER DEVELOPMENT-----		

NOTES

Lined area for notes, consisting of multiple horizontal lines.

Forwarder and Harvester



342 FORESTAR

LS-2

SC

SB

SPECIAL
COMPOUND

STEEL
BELTED



Alliance 342 includes the entire forestry flotation radial and relevant forestry tractor sizes. Specific, big and strong tread pattern enables long tread life, excellent traction, grip and reliability while working on slopes. The tread pattern is reinforced by small lugs located on the shoulders. These lugs protect the shoulders from side damages done by stones and branches. The tire is steel reinforced under the tread area to prevent punctures during forestry operations. The special compound used in the tire sidewall structure enables high stability of forestry tractors at high tilt angles. The special rubber compounds used for the tread and sidewall give long, efficient protection from chipping and chunking which are the major concerns in forestry operations.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application							
								Speed, km/h (mph)							
		Recommended load, kg (lbs)													
		Drive wheel						Forestry use							
		mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6 *HT	10*LT 6*LT	
600/50R24.5	AG20.00	615	1226	565	3754	164A8	5	11500	7500	6150	5350	5000	4550	5000	6150
		24.2	48.3	22.2	147.8	171A2	73	25330	16520	13550	11780	11010	10020	11010	13550
650/45R24.5	AG22.00	635	1225	565	3745	20 161A8 168A2	5.0	10640	6940	5690	4950	4625	4210	4625	5690
		25	48.2	22.2	147.5		73	23440	15290	12530	10900	10190	9270	10190	12530
710/40R24.5	AG24.00	710	1230	569.4	3754	163A8	5.0	11210	7310	6000	5220	4875	4440	4875	5950
		28	48.4	22.4	147.8	170A2	73	24690	16100	13220	11500	10740	9780	10740	13110
600/55R26.5	AG20.00	600	1340	623	4080	165A8	5.0	11850	7730	6330	5510	5150	4690	5150	6280
		23.6	52.8	24.5	160.6	172A2	73	26100	17030	13940	12140	11340	10330	11340	13830
710/45R26.5	AG24.00	714	1334	621	4113	168A8	5.0	12880	8400	6890	5990	5600	5100	5600	6830
		28.1	52.5	24.4	161.9	175A2	73	28370	18500	15180	13190	12330	11230	12330	15040
600/65R34	DW20B	610	1642	772	4992	165A8	4.0	11850	7730	6330	5510	5150	4690	5150	6330
		24	64.6	30.4	196.5	172A2	58	26100	17030	13940	12140	11340	10330	11340	13940
710/55R34	DW24B	720	1644	770	4998	171A8	4.0	14150	9230	7560	6580	6150	5600	6150	7560
		28.3	64.7	30.3	196.8	178A2	58	31170	20330	16650	14490	13550	12330	13550	16650
650/65-38	DW20B DW18B	660	1840	850	5586	16 171A8 179A2	3.2	14150	9230	7560	6580	6150	5600	6150	7660
		26	72.4	33.5	219.9		46	31170	20330	16650	14490	13550	12330	13550	16870
650/65R38	DW20B	650	1812	842	5521	171A8	3.6	14150	9230	7560	6580	6150	5600	6150	7500
		25.6	71.3	33.1	217.4	178A2	52	31170	20330	16650	14490	13550	12330	13550	16520
710/70R42	DW23B	730	2050	956	6174	173A8	3.0	14950	9750	8000	6960	6500	5920	6500	8000
		28.7	80.7	37.6	243.1	182A2	44	32930	21480	17620	15330	14320	13040	14320	17610

343 FORESTAR

LS-2

SC

SB

SPECIAL
COMPOUND

STEEL
BELTED



Alliance Forestar 343 Flotation tire represents the most sophisticated design for application in forestry machines such as harvesters and forwarders. This tire is characterized by wide and robust lugs with low angles providing excellent grip on wide range of forestry terrains in addition to the known bogie truck standard design defined by leading track producers. Some of its features are strong steel breakers, basic nylon tire structure, special durable tread compound, high under tread gauge and thick sidewalls.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application							
								Speed, km/h (mph)							
		Recommended load, kg (lbs)													
		Drive wheel						Forestry use							
		SW mm in	OD mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	10*HT 6*HT	10*LT 6*LT		
600/50-22.5	20.00DC	585 23	1163 45.8	543 21.4	3562 140.2	16									
						149A8	3.2	7480	4550	4000	3480	3250	4000		
						156A2	46	16480	10020	8810	7670	7160	7160	8810	
						24	5.5	11500	7000	6150	5350	5000	6150		
						164A8	80	25330	15420	13550	11780	11010	11010	13550	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application								
								Speed, km/h (mph)								
		Recommended load, kg (lbs)														
		Drive wheel					Forestry use									
SW	OD					bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT		
mm in	mm in	mm in	mm in	mm in	mm in											
800/40-26.5	28.00DC	800	1340	620	4037	20	4.5									
		31.5	52.8	24.4	158.9	170A8		65	13800	8400	7380	6420	6000	-	6000	7380
						177A2			30400	18500	16260	14140	13220	-	13220	16260
800/40R26.5	AG28.00	800	1324	610	4037	20	4.5									
		31.5	52.8	24.4	158.1	170A8		65	13800	9000	7380	6420	6000	-	6000	7380
						177A2			30400	19820	16260	14140	13220	-	13220	16260
870/45-26.5	AG28.00	870	1430	666.54	4264	20	4									
		34.3	56.3	26.2	167.9	170A8		58	13800	8400	7380	6420	6000	-	6000	7380
						177A2			30400	18500	16260	14140	13220	-	13220	16260

346 FORESTAR

LS-2

SC

SB

SPECIAL COMPOUND

STEEL BELTED



Forestar 346 Forestry Flotation is a bias belted tire with steel reinforcement for high puncture resistance. The tire has a special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tire provides exceptional performance. Its lower lug angle provides excellent grip and exhibits self cleaning characteristics due to its wide inter-lug space which is vital in logging applications. The close spacing of the lugs in the centre of the tire reduces rolling resistance on hard surfaces. The 346 is designed to handle various terrains without chains/bogie trucks.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application							
								Speed, km/h (mph)							
		Recommended load, kg (lbs)								Forestry use					
		Drive wheel													
		SW	OD	mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6 *HT
600/65-34	DW20A	600 23.6	1640 64.6	762 30	4927 194	14 157A8	2.4	9490	5780	5070	4410	4125	-	4125	5070
						164A2	35	20900	12730	11170	9710	9090	-	9090	11170
						16 160A8	4.5	10350	6300	5540	4820	4500	-	4500	5450
						167A2	65	22800	13880	12200	10620	9910	-	9910	12000
700/55-34	DW24A	700 27.6	1650 65	766 30.2	5051 198.9	14 161A8	2.4	10640	6480	5690	4950	4625	-	4625	5690
						168A2	35	23440	14270	12530	10900	10190	-	10190	12530
						20 164A8	4.5	11500	7000	6150	5350	5000	-	5000	6150
						171A2	65	25330	15420	13550	11780	11010	-	11010	13550
700/70-34	DW20A	721 28.4	1850 72.8	863 34	5611 220.9	20 173A8	4.2	14950	9100	8000	6960	6500	-	6500	8000
						180A2	61	32930	20040	17620	15330	14320	-	14320	17620

643 FORESTAR III

LS-2

SC

SB

SPECIAL COMPOUND

STEEL BELTED



Forestar 643 III is designed to deliver the ultimate track compatibility. Even without tracks it provides exceptional grip under critical forestry conditions. Outstanding stability, excellent self-cleaning and resilient construction make it the perfect solution for all the forestry needs.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Constant load application							
								Speed, km/h (mph)							
							Recommended load, kg (lbs)								
		SW	OD	Drive wheel				Forestry use							
		mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	10*HT 6 *HT	10*LT 6*LT		
710/40-22.5*					20		-----UNDER DEVELOPMENT-----								
710/45-26.5*					20		-----UNDER DEVELOPMENT-----								
750/55-26.5*					24		-----UNDER DEVELOPMENT-----								
780/50-28.5*					24		-----UNDER DEVELOPMENT-----								

644 FORESTAR III **LS-2**



Forestar 644 III is specially designed with dual lug angle to provide supreme grip and traction. Sturdy construction ensures exceptional performance under challenging operating conditions. Outstanding resistance against damages assures maximum tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Constant load application							
								Speed, km/h (mph)							
								Recommended load, kg (lbs)							
		SW	OD					Drive wheel				Forestry use			
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25	10*HT 6*HT	10*LT 6*LT	
600/50-22.5*						20		-----UNDER DEVELOPMENT-----							
710/40-22.5*						20		-----UNDER DEVELOPMENT-----							
710/40-24.5*						20		-----UNDER DEVELOPMENT-----							
600/55-26.5*						20		-----UNDER DEVELOPMENT-----							
710/45-26.5*						20		-----UNDER DEVELOPMENT-----							
750/55-26.5*						24		-----UNDER DEVELOPMENT-----							
800/40-26.5*						20		-----UNDER DEVELOPMENT-----							
710/55-28.5*						24		-----UNDER DEVELOPMENT-----							
780/50-28.5*						24		-----UNDER DEVELOPMENT-----							
700/50-30.5*						24		-----UNDER DEVELOPMENT-----							

344 FORESTAR ELIT **HF-2**



The advanced Low pressure (LP) 344 designed with improved construction and flexible strong sidewall enable the tire to carry the same load as a STD tire with half the air pressure value. It offers a significantly large footprint leading to low soil compaction and also a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operational forest work productivity. The tread pattern enables an excellent grip in all terrains. The tire is equipped with steel reinforcement belt for high puncture resistance. A special tread compound enables long tire life and the reinforced dual bead of the tire and the reduced inflation pressure provides exceptional performance and stability. Its lug angle provides excellent grip and exhibits self-cleaning characteristics. The close spacing of the lugs in the center of the tire reduces rolling resistance on hard surfaces. The 344 is designed to handle various terrains with or without chains or bogie tracks



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Constant load application							
								Speed, km/h (mph)							
								Constant load application							
		SW	OD					Drive wheel				Forestry use			
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25	10*HT 6*HT	10*LT 6*LT	
710/40-24.5	AG24.00	710	1230	560	3705	20	2.5	11210	6830	6000	5220	4875	4875	6000	
		28	48.4	22	145.9	163A8 170A2	36	24714	15058	13228	11508	10748	10748	13228	
710/45-26.5	AG24.00	710	1330	602	3974	20	2.5	12880	7840	6890	5990	5600	5600	6890	
		28	52.4	23.7	156.5	168A8 175A2	36	28396	17284	15190	13206	12346	12346	15190	
750/55-26.5	AG24.00	750	1485	664	4436	20	2.5	16790	10220	8980	7810	7300	7300	8980	
		29.5	58.5	26.1	174.6	177A8 184A2	36	37016	22531	19797	17218	16094	16094	19797	
800/40-26.5	AG28.00	800	1340	600	3993	20	2.5	13800	8400	7380	6420	6000	6000	7380	
		31.5	52.8	23.6	157.2	170A8 177A2	36	30424	18519	16270	14154	13228	13228	16270	

Forestry Flotation and Trailer



328 FORESTRY

I-3



FLOTATION



Alliance 328 Heavy Duty Flotation tire is a specially designed tire constructed to carry heavy loads and is used in harsh conditions. It provides improved stability over dual-tire configuration. The tire also provides much better ride comfort, higher machine mobility, better self cleaning and better overall performances on road. Special reinforced bead, steel belt and heavy duty construction are some the unique features of this tire's construction. Apart from its standard applications in trailers, forestry trailers and forest harvesters, the special HD tire is developed for agricultural baler applications.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application							
								Speed, km/h (mph)							
								Recommended load, kg (lbs)							
		Drive wheel						Forestry use							
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6 *HT	10*LT 6*LT
400/60-15.5	13.00DC	404 15.9	864 34	380 15	2509 98.8	14									
						145A8	3.5 51	6670 14690	4060 8940	3220 7090	3100 6830	2900 6390	-	2900 6390	3570 7860
						153A2									
		16													
			148A8	4 58	7250 15970	4410 9710	3500 7710	3370 7420	3150 6940	-	3150 6940	3870 8520			
			155A2												
		20													
			152A8	5 73	8170 18000	4970 10950	3940 8680	3800 8370	3550 7820	-	3550 7820	4370 9630			
			159A2												
500/60-15.5	16.00DC	503 19.8	994 39.1	439 17.3	2894 113.9	12									
						150A8	3.3 48	7710 16980	4690 10330	3720 8190	3580 7890	3350 7380	-	3350 7380	4120 9070
						157A2									
500/55-17	16.00	503 19.8	980 38.6	441 17.4	2906 114.4	12									
						148A8	3.3 48	7250 15970	4410 9710	3500 7710	3370 7420	3150 6940	-	3150 6940	3870 8520
						155A2									
500/45-22.5	16.00DC	500 19.7	1050 41.3	489 19.3	3153 124.1	16									
						148A8	3.6 52	7250 15970	4410 9710	3500 7710	3370 7420	3150 6940	-	3150 6940	3870 8520
						155A2									

331 FORESTRY

I-3



FLOTATION



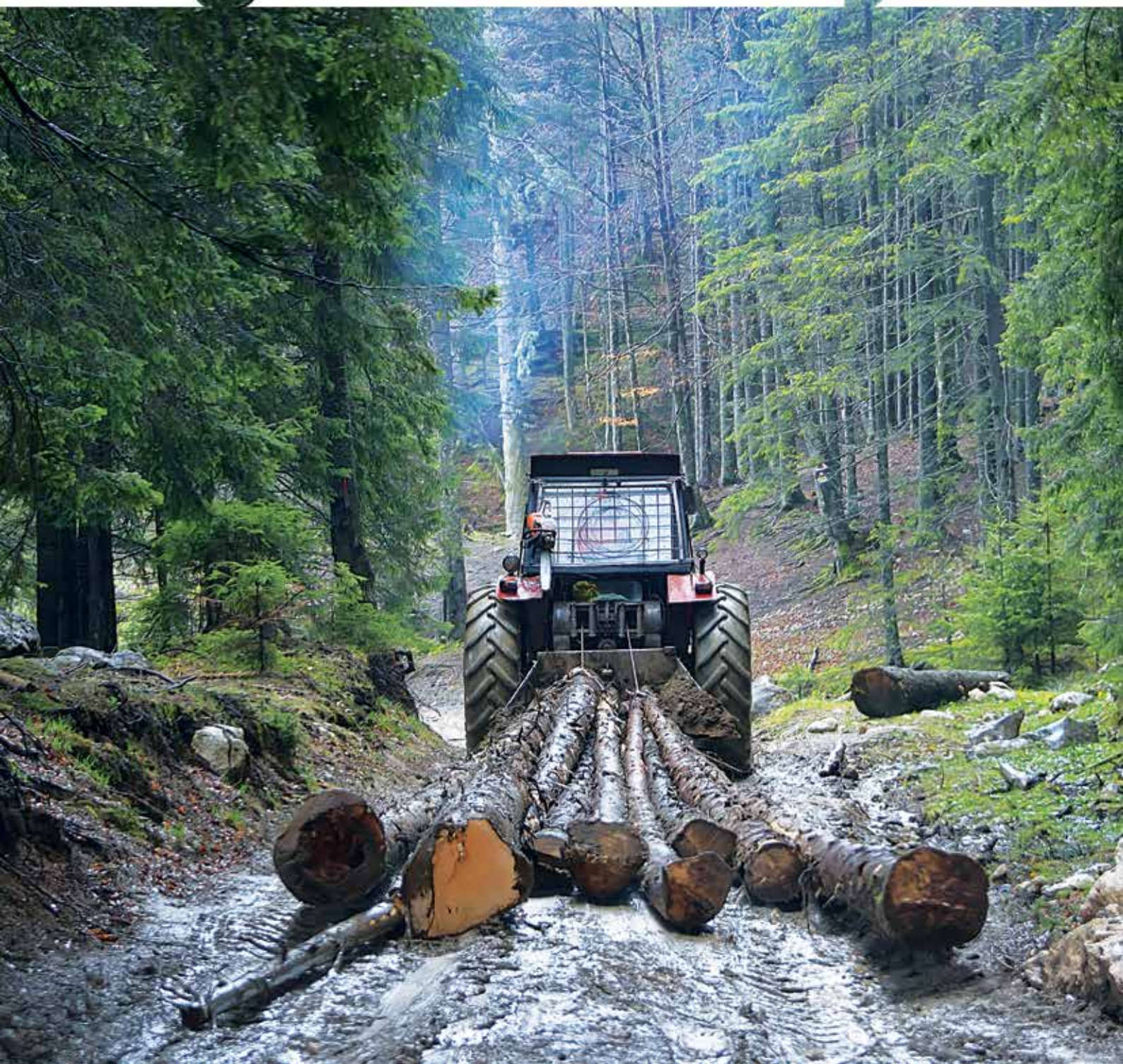
Alliance 331 Flotation diagonal forestry tire is developed mainly for use in modern forestry harvesters and forwarders besides its standard applications like wheeled excavators, loaders and dumpers working in challenging terrains. The tire can also be used for applications in agriculture especially on heavy and abrasive surfaces. It is designed with high traction and low slip abilities for better fuel economy. The tire's huge volume contributes to low soil compaction and better ride comfort in forestry and agricultural applications. The main construction characteristics of this tire are strong nylon casing and steel belts, high under tread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All of this promises long tire life under heavy working conditions in forests as well as smooth working in fields.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application							
								Speed, km/h (mph)							
								Recommended load, kg (lbs)							
		SW	OD				Drive wheel						Forestry use		
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6 *HT	10*LT 6*LT
500/60-22.5	16.00DC	500 19.7	1170 46.1	540 21.3	3465 136.4	16									
						151A8	3.2 46	8050 17730	4900 10790	3890 8570	3750 8260	3500 7710	-	3500 7710	4310 9490
						158A2									
						20									
						158A8	4 58	9780 21540	5950 13110	4720 10400	4550 10020	4250 9360	-	4250 9360	5230 11520
						165A2									
550/45-22.5	16.00DC 20.00DC	550 21.7	1080 42.5	497 19.6	3271 128.8	12									
						140A8	2.4 35	5750 12670	3500 7710	2780 6120	2680 5900	2500 5510	-	2500 5510	3080 6780
						147A2									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application								
								Speed, km/h (mph)								
		Recommended load, kg (lbs)														
		Drive wheel						Forestry use								
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6 *HT	10*LT 6*LT	
600/40-22.5	20.00DC	600 23.6	1110 43.7	515 20.3	3356 132.1	16	3.2 46	7250	4410	3500	3370	3150	-	3150	3870	
						155A2		15970	9710	7710	7420	6940	6940	8520		
500/60-26.5	16.00DC	500 19.7	1270 50	590 23.2	3838 151.1	16	4 58	11210	6830	5410	5220	4875	-	4875	6000	
						163A8		24690	15040	11920	11500	10740	10740	13220		
						170A2		5.7 83	13800 30400	8400 18500	6660 14670	6420 14140	6000 13220	- -	6000 13220	7380 16260
22	170A8	177A2														
600/60-30.5	20.00DC	600 23.6	1500 59.1	696 27.4	4504 177.3	20	4 58	12880	7840	6220	5990	5600	-	5600	6890	
						168A8		28370	17270	13700	13190	12330	12330	15180		
						175A2										
700/50-30.5	24.00DC	700 27.6	1510 59.4	699 27.5	4528 178.3	20	3.7 54	13340	8120	6440	6210	5800	-	5800	7130	
						169A8		29380	17890	14190	13680	12780	12780	15700		
						176A2										
800/45-30.5	28.00DC	800 31.5	1520 59.8	704 27.7	4561 179.6	20	3.5 51	15410	9380	7440	7170	6700	-	6700	8240	
						174A8		33940	20660	16390	15790	14760	14760	18150		
						181A2										

Agro Forestry



AGRO-FORESTRY 333

R-1W

SC
SPECIAL
COMPOUND

SB
STEEL
BELTED



FLOTATION

333 Agro-Forestry is a special forestry construction tire suitable for tough Agro Forestry applications. It's steel belted construction ensures increased puncture protection and minimizes penetration damage. Improved forestry compound provides protection from cut & chip resistance. The tire's high NSD & sharp shoulders provide superior traction, even on uneven ground & wet soil conditions. The shoulder ridge provides added rubber on the critical void area, to help resist penetration and ensures a long tire life. The bridge in the tire's centre line add stability and strength to the base of the lugs. Flatter footprint of the tire results into better ground contact thus offering lower soil compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Static	Recommended load , kg (lbs)										
										Speed, km/h (mph)										
		SW mm in	OD mm in	Mixed Application																
				10 6	25 16		30 19	40 25		50 31										
320/85-24	W11 W10	320	1160	529	3445	14	127A8	2.4	4030	2630	1940	1870	1750	1610						
		12.6	45.7	20.8	135.6		124B	35	8880	5790	4270	4120	3850	3550						
380/85-24	W12	380	1260	570	3723	14	137A8	2.4	5290	3450	2550	2460	2300	2090						
		15	49.6	22.4	146.6		134B	35	11650	7600	5620	5420	5070	4600						
380/85-28	W12	380	1368	623	4060	14	139A8	2.4	5590	3650	2700	2600	2430	2210						
		15	53.9	24.5	159.8		136B	35	12310	8040	5950	5730	5350	4870						
420/85-30	W15L W14L W13L	440 17.3	1475 58.1	672 26.5	4376 172.3	14	145A8	2.4	6670	4350	3220	3100	2900	2660						
								35	14690	9590	7090	6830	6390	5860						
						16	150A8	2.8	7710	5030	3720	3580	3350	3050						
								147B	41	16980	11080	8190	7890	7380	6720					
						460/85-30	W16L W14L W15L	460 18.1	1550 61	702 27.6	4584 180.5	14	150A8	2.4	7710	5030	3720	3580	3350	3080
														35	16980	11080	8190	7890	7380	6780
16	155A8	2.8	8910	5190	4300							4150	3875	3530						
		152B	41	19630	11430							9470	9140	8540	7780					
420/85-34	W15L W14L W13L	430	1580	724	4705	14	147A8	2.4	7070	4610	3410	3290	3075	2820						
		16.9	62.2	28.5	185.2			35	15570	10150	7510	7250	6770	6210						
460/85-34	W16L	460	1646	751	4888	14	152A8	2.4	8170	5330	3940	3800	3550	3260						
		18.1	64.8	29.6	192.4		149B	35	18000	11740	8680	8370	7820	7180						
		16	156A8	2.8	9200	6000	4440	4280	4000	3640										
				153B	41	20260	13220	9780	9430	8810	8020									
420/85-28	W15L W14L	430	1425	670	4313	14	144A8	2.4	6440	4200	3110	3000	2800	2570						
		16.9	56.1	26.4	169.8		141B	35	14190	9250	6850	6610	6170	5660						
420/85-38	W15L W14L W13L	430	1680	774	5021	14	149A8	2.4	7480	4880	3610	3480	3250	2980						
		16.9	66.1	30.5	197.7			35	16480	10750	7950	7670	7160	6560						
460/85-38	W16L	460 18.1	1747 68.8	801 31.5	5206 205	14	154A8	2.4	8630	5630	4160	4010	3750	3410						
								151B	35	19010	12400	9160	8830	8260	7520					
						16	158A8	2.8	9780	6380	4720	4550	4250	3870						
								155B	41	21540	14050	10400	10020	9360	8520					
						520/85-38	DW16L DW18L	520 20.5	1860 73.2	864 34	5518 217.2	14	160A8	2.4	10350	6750	5000	4820	4500	4130
														157B	35	22810	14880	11020	10620	9910
16	164A8	2.8	11500	—	5550							5350	5000	4550						
		160B	41	25330	—							12220	11780	11010	10020					
520/85-42	DW16L	520	1950	905	5785		162A8	2.4	10925	7125	5270	5080	4750	4375						
		20.5	76.8	35.6	227.7		159B	35	24085	15705	11620	11200	10470	9645						

360

FLOTATION

R-1W

SC

SPECIAL
COMPOUND

SB

STEEL
BELTED

MFWD

4WD
TRACTOR

Alliance 360 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges, reinforced bead which enables smooth and reliable forestry and agro-industrial operations.

AGRO FORESTRY



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application							
								Speed, km/h (mph)							
								Recommended load, kg (lbs)							
		SW	OD	Drive wheel					Forestry use						
		mm in	mm in	mm in	mm in	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT		
480/65-24	W15	470	1250	582	3702	140A8	2.4	5750	3750	2780	2680	2500	2280	2500	3080
	W14L	18.5	49.2	22.9	145.7	147A2	35	12670	8260	6120	5900	5510	5020	5510	6780
480/65-28	W15	460	1350	634	4088	142A8	2.4	6100	3980	2940	2840	2650	2410	2650	3260
	W14L	18.1	53.1	25	160.9	149A2	35	13440	8770	6480	6260	5840	5310	5840	7180
540/65-28	W16	520	1448	668	4331	16	3.3	8860	5780	4270	4120	3850	3500	3850	4740
	W15	20.5	57	26.3	170.5	155A8 162A2	48	19520	12730	9410	9070	8480	7710	8480	10430
600/65-28	W18L	570	1500	684	4471	154A8	2.4	8630	5630	4160	4010	3750	3410	3750	4610
	W16L	22.4	59.1	26.9	176	161A2	35	19010	12400	9160	8830	8260	7510	8260	10160
600/65R28	DW20	600	1480	684	4481	154A8	2.4	8630	5630	4160	4010	3750	3410	3750	4610
	W18L	23.6	58.3	26.9	176.4		35	19010	12400	9160	8830	8260	7510	8260	10160
540/65-30	W16L	525	1490	692	4483	150A8	2.4	7710	5030	3720	3580	3350	3050	3350	4120
	W18L	20.7	58.7	27.2	176.5	157A2	35	16980	11080	8190	7890	7380	6720	7380	9080
540/70-30	W16L	520	1502	693	4510	152A8	2.4	8170	5330	3940	3800	3550	3230	3550	4370
	W18L	20.5	59.1	27.3	177.6	159A2	35	18000	11740	8680	8370	7820	7110	7820	9620
540/65-38	W16L	518	1699	793	5125	153A8	2.4	8400	5480	4050	3910	3650	3320	3650	4490
	W18L	20.4	66.9	31.2	201.8	160A2	35	18500	12070	8920	8610	8040	7310	8040	9890
600/65-38	W18L	557	1760	819	5318	159A8	2.4	10060	6560	4860	4680	4375	3980	4375	5380
	W16L	21.9	69.3	32.2	209.4	166A2	35	22160	14450	10700	10310	9640	8770	9640	11860
650/65-38	DW20A	635 25	1880 74	871 34.3	5638 222	16 164A8 171A2	2.4 35	11500 25330	7500 16520	5550 12220	5350 11780	5000 11010	4550 10020	5000 11010	6150 13540
650/75-38	DW20B	680	1965	902	5850	168A8	2.4	12880	8400	6220	5990	5600	5100	5600	6890
	DW21B	26.8	77.4	35.5	230.3	175A2	35	28370	18500	13700	13190	12330	11230	12330	15170
710/70R38	DW23	716	1940	898	5815	168A8	2.4	12880	8400	6220	5990	5600	5100	5600	6890
		28.2	76.4	35.4	228.9	175A2	35	28370	18500	13700	13190	12330	11230	12330	15170
650/65R42	DW20	655	1950	900	5869	165A8	2.4	11850	7730	5720	5510	5150	4690	5150	6330
	DW18	25.8	76.8	35.4	231	172A2	35	26100	17030	12600	12140	11340	10330	11340	13950

365

R-1W

SC

SPECIAL
COMPOUND

SB

STEEL
BELTED

MFWD

4WD
TRACTOR

Alliance 365 Agro Forestry is a modern diagonal forestry tire for utility and high power tractors on heavy duty jobs in forestry and heavier agricultural operations. This tire can also be used for combine harvesters and implements in agriculture. The tire is designed for high traction and low slip abilities and gives better fuel economy. The main construction characteristics of this tire are strong nylon casing and steel belts, high under tread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All the above characteristics enable smooth and reliable forestry and agro-industrial operations. In addition, high non-skid depth promises high traction forces on cohesive and wet soil.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		Field	1) Not high and sustained torque; 2) Road transport													
			Non cyclic operation					Cyclic operation								
			25 16					40 25	50 31	65 40	70 44	bar psi	10 6	15 9		
710/70R42	DW23B					173D	2.4	7480	7700	7120	6830	6500	5920	3	11050	10080
		740 29.1	2055 80.9	936 36.9	6178 243.2	176A8	35	16480	16960	15680	15040	14320	13040	44	24340	22200
						177D	3.2	8400	8650	8000	7670	7300	6640	4	12410	11320
						180A8	46	18500	19050	17620	16890	16080	14630	58	27330	24930

370

R-1W

SC

SB

SPECIAL
COMPOUNDSTEEL
BELTED

MFWD

4WD
TRACTOR

Alliance 370 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges, reinforced bead which enable smooth and reliable forestry and agro-industrial operations.



AGRO FORESTRY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application							
								Speed, km/h (mph)							
								Recommended load, kg (lbs)							
								Drive wheel						Forestry use	
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	10 6	25 16	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT
380/70-24	W12					14									
	W11	380	1206	558	3614	130A8	2.7	4370	2850	2110	2030	1900	1730	1900	2340
	W13	15	47.5	22	142.3	138A2	39	9630	6280	4650	4470	4190	3810	4190	5150
420/70-24	W13					14									
	W12	418	1265	582	3774	138A8	3	5430	3540	2620	2530	2360	2150	2360	2900
	W14L	16.5	49.8	22.9	148.6	145A2	44	11960	7800	5770	5570	5200	4740	5200	6400
380/70-28	W12					14									
	W11	380	1308	609	3935	138A8	3	5430	3540	2620	2530	2360	2150	2360	2900
	W13	15	51.5	24	154.9	145A2	44	11960	7800	5770	5570	5200	4740	5200	6400
420/70-28	W13					14									
	W12	418	1364	633	4095	140A8	2.5	5430	3750	2780	2680	2500	2280	2500	3080
	W14L	16.5	53.7	24.9	161.2	147A2	36	11960	8260	6120	5900	5510	5020	5510	6780
480/70-28	W15L					14									
		479	1448	668	4334	145A8	2.7	6670	4350	3220	3100	2900	2640	2900	3570
		18.9	57	26.3	170.6	152A2	39	14690	9580	7090	6830	6390	5810	6390	7860
600/70R30	DW20B					14									
	DW18L	630	1595	738	4785	165A8	3.6	11850	7730	5720	5510	5150	4690	5150	6330
	W18L	24.8	62.8	29.1	188.4	172A2	52	26130	17040	12610	12150	11350	10340	11350	13960
480/70-34	W15L					14									
	W14L	479	1600	744	4812	146A8	2.5	6900	4500	3330	3210	3000	2730	3000	3690
	W16L	18.9	63	29.3	189.4	153A2	36	15200	9910	7330	7070	6610	6010	6610	8130
520/70-34	W16L					14									
	W18L	516	1659	769	4980	154A8	2.5	8630	5630	4160	4010	3750	3410	3750	4610
		20.3	65.3	30.3	196.1	161A2	36	19010	12400	9160	8830	8260	7510	8260	10160
480/70-38	W15L					14									
	W14L	479	1715	801	5170	150A8	2.7	7710	5030	3720	3580	3350	3050	3350	4120
	W16L	18.9	67.5	31.5	203.5	157A2	39	16980	11080	8190	7890	7380	6720	7380	9080
520/70-38	W16L					14									
	W16A	520	1758	819	5292	155A8	2.5	8910	5810	4300	4150	3875	3530	3875	4770
	W18L	20.5	69.2	32.2	208.3	162A2	36	19630	12800	9470	9140	8540	7780	8540	10500
580/70-38	W18A					14									
		570	1841	854	5528	160A8	2.5	10350	6750	5000	4820	4500	4100	4500	5540
		22.4	72.5	33.6	217.6	168A2	36	22800	14870	11010	10620	9910	9030	9910	12190

385

R-1W



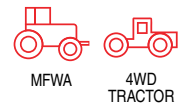
Alliance 385 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges and reinforced bead which enable smooth and reliable forestry and agro-industrial operations.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application							
								Speed, km/h (mph)							
		Recommended load, kg (lbs)													
		Drive wheel						Forestry use							
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT
18.4-34	W16L														
	DW16	486	1671	750	5007	14 154A8 161A2	2.5 36	8630 19010	5630 12400	4160 9160	4010 8830	3750 8260	3410 7510	3750 8260	4610 10160
	W15L	19.1	65.8	29.5	197.1										
	DW15L														
20.8-38 (Des. 385)	W18L														
	18DD	550	1860	863	5583	14 159A8 166A2	2.3 33	10060 22160	6560 14450	4860 10700	4680 10310	4375 9640	3980 8770	4375 9640	5380 11860
	W18A	21.7	73.2	34	219.8										
	W16L														

580

R-4



Alliance 580 is a Agro-Forestry radial tire. The tread pattern enables strong grip and high traction performances on soft surfaces, as well as comfortable work on hard surfaces. The steel belted construction contributes to high stability of the machine, especially when working on sloppy terrains, and complete puncture protection. Long tread life and low tread wear are due to the special tread design. Durable tread rubber compound is another feature of this tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application							
								Speed, km/h (mph)							
		Recommended load, kg (lbs)													
		Drive wheel						Forestry use							
		SW	OD						bar psi	Static	10 6	25 15	30 19	40 25	50 31
mm in	mm in	mm in	mm in												
400/70-20	13	400	1105	510	3307	156A8	4.7	9200	6000	4440	4280	4000	3640	4000	4920
	11	15.7	43.5	20.1	130.2	163A2	68	20260	13220	9780	9430	8810	8020	8810	10840

356

R-1

SC

SPECIAL
COMPOUND

SB

STEEL
BELTED

MFWD

4WD
TRACTOR

The 356 Forest is a modern diagonal forestry tire for high power tractors on heavy duty jobs in forestry and heavier operations in agriculture. The tire is designed for high traction abilities, low slip and low fuel consumption. The main construction characteristics of the tire are: strong nylon casing and steel belts, high undertread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All these characteristics promise long tire life under heavy working conditions in the forests, as well as, smooth and long lasting work in agriculture. In addition, high non-skid depth promises high traction forces on cohesive and wet soil.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. ess.	Constant load application							
								Speed, km/h (mph)							
		Recommended load, kg (lbs)													
		Drive wheel						Forestry use							
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	25 15	30 19	40 25	50 31	10*HT 6 *HT	10*LT 6*LT
11.2-24	DW10					10									
	W10	290	1112	518	3346	119A8	3	3130	2040	1510	1460	1360	1240	1360	1670
	W10H	11.4	43.8	20.4	131.7	125A2	44	6890	4490	3330	3220	3000	2730	3000	3690
12.4-24	DW11														
	W11														
	W10H	315	1145	524	3407	12	3.5	4140	2700	2000	1930	1800	1640	1800	2210
	DW10	12.4	45.1	20.6	134.1	128A8	51	9120	5950	4410	4250	3960	3610	3960	4870
13.6-24	W10														
	DW12					10									
	W12					128A8	2.5	4140	2700	2000	1930	1800	1640	1800	2210
	W11	345	1190	542	3603	136A2	36	9120	5950	4410	4250	3960	3610	3960	4870
		13.6	46.9	21.3	141.9										
14.9-24						12									
						132A8	3	4600	3000	2220	2140	2000	1820	2000	2460
						139A2	44	10130	6610	4890	4710	4410	4010	4410	5420
						14									
						138A8	3	5430	3540	2620	2530	2360	2150	2360	2900
18.4-26	DW13	378	1245	562	3793	144A2	44	11960	7800	5770	5570	5200	4740	5200	6400
	W13	14.9	49	22.1	149.3										
						18									
						143A8	3.8	6270	4090	3020	2920	2725	2480	2725	3350
						150A2	55	13810	9010	6650	6430	6000	5460	6000	7380
13.6-28						10									
						141A8	2.1	5920	3860	2860	2760	2575	2340	2575	3170
						148A2	30	13040	8500	6300	6080	5670	5150	5670	6970
	W16L	467	1440	656	4273										
	W15L	18.4	56.7	25.8	168.2										
14.9-28						14									
						148A8	3	7250	4730	3500	3370	3150	2870	3150	3870
						155A2	44	15970	10420	7710	7420	6940	6320	6940	8540
						10									
						130A8	2.5	4370	2850	2110	2030	1900	1730	1900	2340
16.9-28	DW12	345	1295	595	3863	138A2	36	9630	6280	4650	4470	4190	3810	4190	5150
	W12	13.6	51	23.4	152.1										
	W12D					14									
						137A8	3.5	5290	3450	2550	2460	2300	2090	2300	2830
						144A2	51	11650	7600	5620	5420	5070	4600	5070	6240
14.9-30	DW13					14									
	W13	378	1350	618	4019	140A8	3	5750	3750	2780	2680	2500	2280	2500	3080
	W12D	14.9	53.1	24.3	158.2	147A2	44	12670	8260	6120	5900	5510	5020	5510	6780
16.9-30	W12														
	DW15L					14									
	W15	429	1420	645	4207	145A8	2.7	6670	4350	3220	3100	2900	2640	2900	3570
14.9-30	W14L	16.9	55.9	25.4	165.6	152A2	39	14690	9580	7090	6830	6390	5810	6390	7860
	DW14														
16.9-30						14									
	W13	378	1400	644	4180	144A8	3	6440	4200	3110	3000	2800	2550	2800	3440
	W12	14.9	55.1	25.4	164.6	151A2	44	14190	9250	6850	6610	6170	5620	6170	7590
16.9-30															
	DW15L					14									
	W15	429	1475	684	4426	144A8	2.6	6440	4200	3110	3000	2800	2550	2800	3440
16.9-30	W14L	16.9	58.1	26.9	174.3	151A2	38	14190	9250	6850	6610	6170	5620	6170	7590
	DW14														

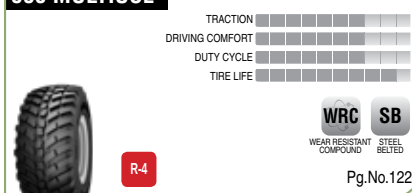
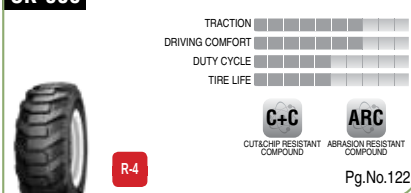
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. ess.	Constant load application							
								Speed, km/h (mph)							
		Recommended load, kg (lbs)								Forestry use					
		Drive wheel													
		SW	OD	mm in	mm in		mm in	mm in	bar psi	Static	10 6	25 15	30 19	40 25	50 31
18.4-30	W16L					14									
	DW16L	467	1545	712	4618	151A8	2.6	7940	5180	3830	3690	3450	3140	3450	4240
	W15L	18.4	60.8	28	181.8	158A2	38	17490	11410	8440	8130	7600	6920	7600	9350
	DW15L														
16.9-34						14									
						146A8	2.5	6900	4500	3330	3210	3000	2730	3000	3690
							36	15200	9910	7330	7070	6610	6010	6610	8130
	DW15					153A2									
	W15L	429	1575	722	4693										
	W14L	16.9	62	28.4	184.8	18									
16.9-38						14									
	W15L														
	DW15	429	1675	772	5007	149A8	2.6	7480	4880	3610	3480	3250	2960	3250	4000
	W14L	16.9	65.9	30.4	197.1	156A2	38	16480	10750	7950	7670	7160	6520	7160	8810
18.4-38						14									
	W16L														
	16DD	467	1750	803	5217	155A8	2.5	8910	5810	4300	4150	3875	3530	3875	4770
	W16A	18.4	68.9	31.6	205.4	162A2	36	19630	12800	9470	9140	8540	7780	8540	10500
20.8-38 (Des. 385)						14									
	W18L														
	18DD	550	1860	863	5583	159A8	2.3	10060	6560	4860	4680	4375	3980	4375	5380
	W18A	21.7	73.2	34	219.8	166A2	33	22160	14450	10700	10310	9640	8770	9640	11860
	W16L														

CONSTRUCTION AND INDUSTRIAL

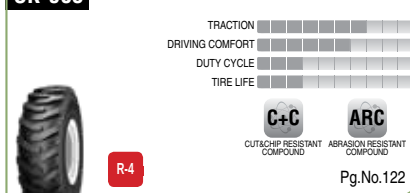
Tire Patterns by Segments

Skidsteer

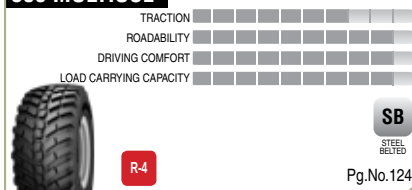
550 MULTIUSE

**SK-906**

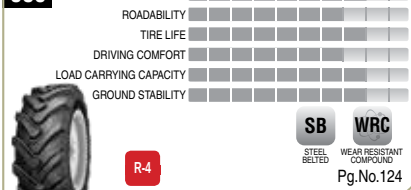
SK-903



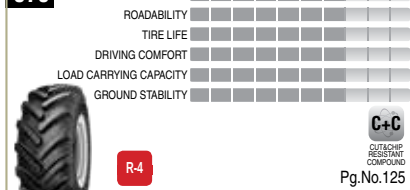
Backhoe Loader

550 MULTIUSE

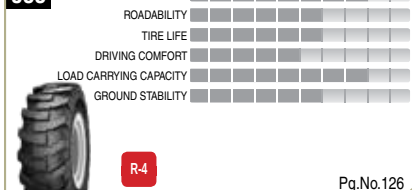
580



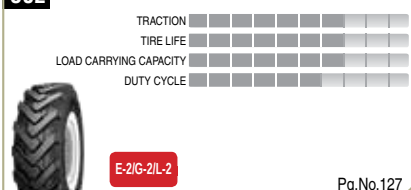
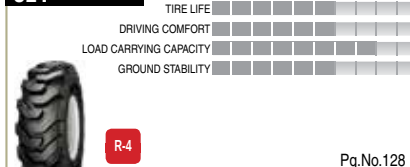
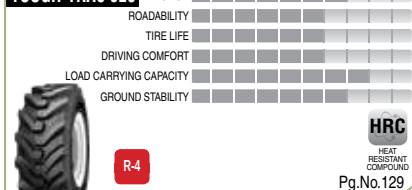
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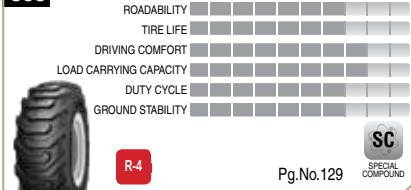
533



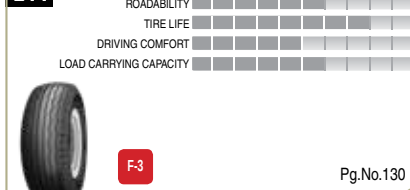
302

**HI TRACTION**
321**TOUGH-TRAC 325**

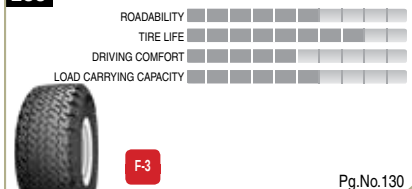
500



211

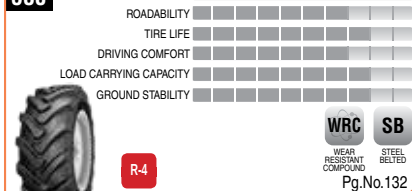


239

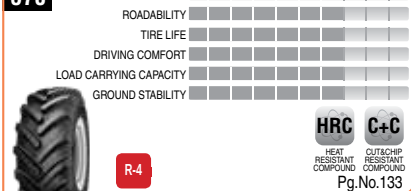


Telehandler

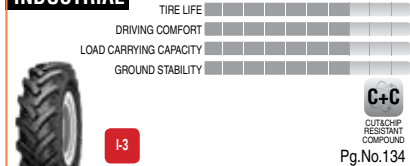
580



570

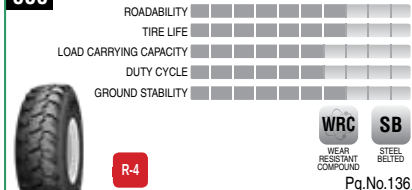


**TRACTION
INDUSTRIAL**

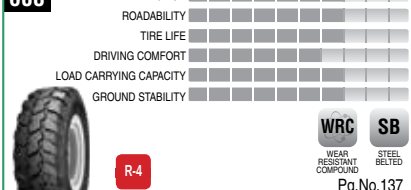


CWL

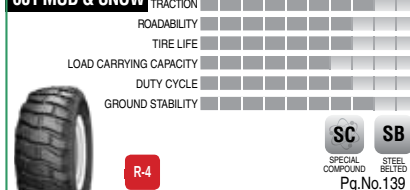
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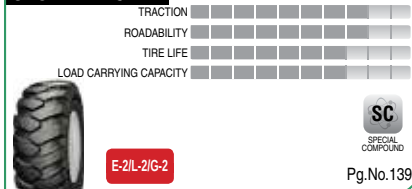
608



601 MUD & SNOW



326 WIDE GRIP



Tire Patterns by Segments

UTILITY TRACTOR

580

	TRACTION	ROADABILITY	TIRE LIFE	DRIVING COMFORT	LOAD CARRYING CAPACITY	GROUND STABILITY
						

R-4

WRC
WEAR RESISTANT COMPOUND

SB
STEEL BELTED

Pg.No.140

[illegible]

317

	TRACTION	ROADABILITY	TIRE LIFE	DRIVING COMFORT	LOAD CARRYING CAPACITY	GROUND STABILITY
R-1						

WRC
WEAR RESISTANT COMPOUND

HRC
HEAT RESISTANT COMPOUND

Pg.No.142

533

	1	2	3	4	5	6	7	8	9	10
TRACTION										
ROADABILITY										
TIRE LIFE										
DRIVING COMFORT										
LOAD CARRYING CAPACITY										
SOIL PROTECTION										

 **R-4**

Pg.No.144

300 MPT

Property	R-4	SC (SPECIAL COMPOUND)	AS (ALL STEEL)
ROADABILITY	██████	██████	██████
TIRE LIFE	██████	██████	██████
DRIVING COMFORT	██████	██████	██████

Pg.No.145

Excavator

390

TRACTION	[Full]
TIRE LIFE	[Full]
LOAD CARRYING CAPACITY	[Full]
DUTY CYCLE	[Full]
GROUND STABILITY	[Full]

I-2

SC
SPECIAL COMPOUND

WRC
WEAR RESISTANT COMPOUND

Pg.No. 14

380

TRACTION

TIRE LIFE

LOAD CARRYING CAPACITY

DUTY CYCLE

GROUND STABILITY

10	9	8	7	6	5	4	3	2	1	0
10	9	8	7	6	5	4	3	2	1	0
10	9	8	7	6	5	4	3	2	1	0
10	9	8	7	6	5	4	3	2	1	0
10	9	8	7	6	5	4	3	2	1	0



SC
SPECIAL COMPOUND



WRC
WEAR RESISTANT COMPOUND



SB
STEEL BELTED

Pg.No.148

506 DUAL MASTER



	TRACTION	ROADABILITY	TIRE LIFE	DRIVING COMFORT	LOAD CARRYING CAPACITY	DUTY CYCLE	GROUND STABILITY
SC	100%	100%	100%	100%	100%	100%	100%
AS	100%	100%	100%	100%	100%	100%	100%

I-2

SPECIAL COMPOUND

AS

ALL STEEL

528 DUAL MASTER

TRACTION	[Progressive bar]
ROADABILITY	[Progressive bar]
TIRE LIFE	[Progressive bar]
DRIVING COMFORT	[Progressive bar]
LOAD CARRYING CAPACITY	[Progressive bar]
DUTY CYCLE	[Progressive bar]
GROUND STABILITY	[Progressive bar]

I-2

SPECIAL
COMPOUND

ALL STEEL

Pg.No.149

[illegible]

224

TRACTION										
ROADABILITY										
TIRE LIFE										
LOAD CARRYING CAPACITY										
GROUND STABILITY										

 **E-2**

SC
SPECIAL COMPOUND

Pg.No.150

[illegible]

331

	TRACTION	TIRE LIFE	LOAD CARRYING CAPACITY	DUTY CYCLE	GROUND STABILITY
					

WRC
WEAR
RESISTANT
COMPOUND

Pg.No.151

344

TRACTION				
ROADABILITY				
TIRE LIFE				
LOAD CARRYING CAPACITY				
DUTY CYCLE				
GROUND STABILITY				



LS-2

SB

 STEEL
BELTED

Pg.No.152

839

Tire Model	TRACTION	ROADABILITY	TIRE LIFE	LOAD CARRYING CAPACITY	GROUND STABILITY
E-2	[Bar]	[Bar]	[Bar]	[Bar]	[Bar]

C+C
OUTRIGGER
RESISTANT
COMPOUND

Pg.No.152

Paver and Compactor

329

	ROADABILITY	TIRE LIFE	DRIVING COMFORT	LOAD CARRYING CAPACITY	GROUND STABILITY
	100%	100%	100%	100%	100%

R-3

Pg.No.154

330

ROADABILITY	TIRE LIFE	DRIVING COMFORT	LOAD CARRYING CAPACITY	GROUND STABILITY
████████████████████	████████████████████	████████████████████	████████████████████	████████████████████
████████████████████	████████████████████	████████████████████	████████████████████	████████████████████
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████████████████████	████████████████████	████████████████████	████████████████████	████████████████████

 **R-3**

C+C
CUT & CHIP
RESISTANT
COMPOUND

Pg.No.155

LAWN, GARDEN & TURF

221



TRACTION

SOIL PROTECTION

TIRE LIFE

FLOTATION

HF-2

Pg.No.158

322

Metric	322 (HF-1)	Other Models (Relative Performance)
TRACTION	High	Medium to Low
SOIL PROTECTION	High	Medium to Low
TIRE LIFE	High	Medium to Low

FLOTATION

HF-1

Pg.No.159

332

Metric	332 (%)	333 (%)
TRACTION	100%	~90%
SOIL PROTECTION	100%	~90%
TIRE LIFE	100%	~90%

FLOTATION
H_F-3

Pg.No.159

NOTES

Skid Steer



550 MULTIUSE

R-4

WRC

SB

WEAR RESISTANT
COMPOUND

STEEL
BELTED



SKIDSTEER

550 MULTIUSE pattern is used in agricultural applications because of its versatile tread design. Specific block tread design enables high performances on snow-covered as well as on sandy terrains. Basic directional lug design, divided by separated blocks, provides a good grip on soft surfaces. In addition, high number of blocks and rubber to void tread ratio, enables long tread wear life and low rolling resistances during transport operation on hard surfaces. Uniform ground pressure distribution and tread wear are provided by steel belted carcass structure. In addition, steel belts give the most efficient puncture protection.

These R-4 tires have been developed for Skid Steer application.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)				
		Speed, km/h (mph)										
		Constant load										
		SW mm in	OD mm in					mm in	mm in	Bar psi	Static	10 6
265/70R16.5 (10R16.5)	8.25	264	773	349	2345	130A2	4	3000	1900	1370	1290	1250
		10.4	30.4	13.7	92.3		58	6610	4190	3020	2840	2750
305/70R16.5 (12R16.5)	9.75	304	832	374	2469	141A5	4	3610	2780	2575	2500	1800
		12	32.8	14.7	97.2		58	7950	6120	5670	5510	3960



SK-906

R-4

C+C

ARC

CUT&CHIP RESISTANT
COMPOUND

ABRASION RESISTANT
COMPOUND



SKIDSTEER

All new pattern for skid steer SK-906 is more open and deeper at the shoulders for good traction in soft soil. Solid center for long wear on hard surfaces. Open, deep shoulders for off-road traction. Has highly abrasion resistant tread compound. Features a rim shield protector and a heavy sidewall. The tread radius is relatively flat which is good for wear on hard surfaces.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symb.	Infl. press	Recommended load, kg (lbs)
		SW	OD				bar psi	Speed, km/h (mph)
		mm in	mm in					10 6
#11L-16*						12	-----UNDER DEVELOPMENT-----	
10-16.5	8.25	260	768	355	2290	8	4.1	1880
		10.2	30.2	14	90.2		60	4140
						10	5.2	2135
12-16.5	9.75						75	4710
							3.4	2180
						8	50	4810
		302	825	384	2527		4.5	2540
		11.9	32.5	15.1	99.5	10	65	5600
							5.5	2865
14-17.5 NHS	10.5	349	921	420	2771		80	6320
						12		
		13.7	36.3	16.5	109.1	14	5.5	3875
						80	8543	

#Backhoe size



SK-903

R-4

C+C

ARC

CUT&CHIP RESISTANT
COMPOUND

ABRASION RESISTANT
COMPOUND



SKIDSTEER

The Alliance SK-903 is a specialized tire developed for Skidsteer applications. The open and deep shoulders are designed for traction on loose off-road surfaces. The flatter radius of the tire improves the wear resistance. Solid center lug for improved wear resistance. Rim Shield Protector on sidewall for shock protection

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symb.	Infl. press	Recommended load, kg (lbs)			
		SW mm in	OD mm in					Speed, km/h (mph)			
								Static	1	5	10
									1	3	6
10x16.5NHS	8.25	260	773	356	2351	8	4.1	2970	—	—	1880
		10.2	30.4	14	92.6		60	6545	—	—	4140
						10	5.2	3375	—	—	2135
							75	7440	—	—	4710
12x16.5NHS	9.75	307	831	380	2510	10	4.5	4015	—	—	2540
		12.1	32.7	15	98.8		65	8850	—	—	5600
						12	5.5	4525	—	—	2865
							80	9990	—	—	6320



Backhoe Loader



550 MULTIUSE

R-4

SB

STEEL BELTED

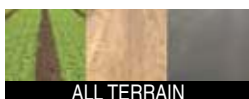


BACKHOE

MULTIUSE 550 has been developed for specific applications on Backhoe loaders, Municipality and Industrial tractors (tractors dealing mostly with transport on hard surfaces and compact construction machinery). Specific block tread design enables high performances on snow-covered terrains, as well as on sandy terrains. Basic directional lug design, divided by separated blocks, provides good grip on soft surfaces. In addition, high number of blocks and rubber to void ratio, provides long tread life and low rolling resistances during transport operation on hard surfaces. In addition, steel belt provides the most efficient puncture protection.



ON & OFF ROAD CONSTRUCTION



ALL TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
							Constant load							Cyclic Application		
							mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25
460/70R24 IND (17.5LR24)	DW15L															
	DW14L															
	DW16L	460	1250	568	3752	159A8	4	10060	5470	4860	4680	4375	4375	—	6560	5860
	14	18.1	49.2	22.4	147.7	159B	58	22160	12050	10700	10310	9640	9640	—	14450	12910
500/70R24 IND (19.5LR24)	16															
	TW14L															
	DW15	505	1308	591	3920	164A8	4	11500	6250	5550	5350	5000	5000	—	7500	6700
	DW16	19.9	51.5	23.3	154.3	164B	58	25330	13770	12220	11780	11010	11010	—	16520	14760
480/80R26 IND (18.4R26)	DW15	483	1425	645.5	4266	160A8	3.2	10350	5630	5000	4820	4500	4500	—	6750	6030
	DW16	19	56.1	25.4	168	160B	46	22800	12400	11010	10620	9910	9910	—	14870	13280

580

R-4

SB

STEEL BELTED

WRC

WEAR RESISTANT COMPOUND



BACKHOE

Alliance 580 is built with unique tread pattern that enables strong grip and high traction on soft surfaces, as well as work on hard surfaces. Its carcass construction contributes to high stability of the machine, especially while working on sloppy terrains, and complete puncture protection. This tire, because of its central lug design, is well suited for both on and off road, hence it's also a good tire for multi-purpose transportation. The tires' long tread life and low tread wear are based on its specific tread design and durable tread rubber compound.



HARD SURFACE



ON & OFF ROAD CONSTRUCTION



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD				Constant load						Cyclic Applications		
							mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19
280/80R18 (10.5R18)	W8	282	905	418	2770	132A8	4	4600	2500	2220	2140	2000	2000	3000	2680
	W9 W10	11.1	35.6	16.5	109.1	132B	58	10140	5510	4890	4720	4410	4410	6610	5910
300/75R18 (12.0R18)IND	W9	295	908	420	2697	142A8	5	6100	3310	2940	2840	2650	2650	3980	3550
		11.6	35.7	16.5	106.2	142B	73	13450	7300	6480	6260	5840	5840	8770	7830
400/70R20	W13	410	1072	485	3239	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
		16.1	42.2	19.1	127.5	149B	58	16490	8950	7960	7670	7170	7170	10760	9610
340/80R20IND (12.5R20IND)	11 12														
	11SDC	343	1052	477	3200	144A8	4	6440	3500	3110	3000	2800	2800	4200	3750
	12SDC	13.5	41.4	18.8	126	144B	58	14200	7720	6860	6610	6170	6170	9260	8270
	W10 W11														
440/80R24 (16.9R24) IND	DW14L														
	DW15L 14	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200
		17.7	51.5	23.3	152.2	161B	58	21390	12730	11300	10900	10190	10190	15300	13660
	TW14L														
460/70R24 (17.5LR24) IND	DW15L														
	DW14L														
	DW16L 14	462	1250	567	3701	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
		18.2	49.2	22.3	145.7	159B	58	22160	12050	10700	10310	9640	9640	14460	12910
	16														
	TW14L														

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Constant load						Cyclic Applications	
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10^ 6	15 9
500/70R24 (19.5LR24) IND	DW16L	505	1308	600	3900	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.9	51.5	23.6	153.5	164B	58	25330	13770	12220	11780	11010	11010	16540	14760
440/80R28 (16.9R28) IND	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360
	DW15L	18.1	55.5	25.3	164.7	156B	46	20260	11010	9780	9430	8810	8810	13230	11810
500/70R28 (19.5LR28) IND	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16540	14760

570

R-4

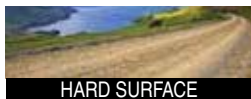
C+C

CUT & CHIP RESISTANT COMPOUND



BACKHOE

Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction performances on soft surfaces, as well as comfortable work on hard surfaces and stable running on the roads. The strong polyester construction enables higher vehicle speed as well as increased puncture protection. Flatter tread because of radial tire construction provides even pressure distribution, high productivity and optimal fuel consumption.



HARD SURFACE



ON & OFF ROAD CONSTRUCTION



570 BACKHOE & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		Constant load						Cyclic Applications								
		SW mm in	OD mm in	mm in	mm in		Static	10 6	30 19	40 25	50 31	10^A 6	30 19	40 25	50 31	
19.5LR24	W16L W15L	495 19.5	1320 52	600 23.6	3912 154	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960
						146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520
						156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640
						153B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020
460/70R24 (17.5LR24)	W15L W14L	445 17.5	1245 49	564 22.2	3682 145	150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
						147B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720
						159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000
						159B	58	22160	12050	10310	9640	8810	14450	10310	9640	8810
400/70-20	11	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320
	13	16.3	43	19.9	128.8	161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310
17.5L-24	W15L	445	1250	573	3727	12	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050
	W14L	17.5	49.2	22.6	146.7	150A8	45	16980	9230	7670	7380	6720	11080	7890	7380	6720
						147B										

570 BACKHOE & EARTH MOVER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD				Transport					Loading				
		mm in	mm in	mm in	mm in	Bar psi	10 6	20 12	30 19	40 25	50 31	Static	1 1	5 3	10 6	
405/70R20	13	421	1080	495	3291	143B	3.75	3870	3520	3160	2970	2725	6200	5040	4380	3875
		16.6	42.5	19.5	129.6	155A2	54	8520	7750	6960	6540	6000	13660	11100	9650	8540

570 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								mm in	mm in	mm in	mm in	bar psi	10 6	20 12	30 19	40 25
		405/70R20 MPT	13	421	1080		492	3291	136G	4	4030	3360	2800	2580	2510	2460
		16.6	42.5	19.5	129.6		58	8880	7400	6170	5680	5530	5420	5290	5130	4930

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
							Speed, km/h (mph)									
		SW	OD				Industrial Use				Agricultural Use					
							Inf.	Constant load		Cyclic Applic		Inf.	Road Transport			Field
mm in	mm in	mm in	mm in	bar psi	20 12	40 25	20 12	40 25	Bar psi	20 12	40 25	50 31	10 6			
18.4-26	DW16A W16L W15L	467 18.4	1425 56.1	628 24.7	4142 163.1	10	2	2980	3650	4490	3650	1.8	2550	2650	2410	2840
						153A8	29	8770	8040	9890	8040	26	7820	5840	5310	6260
						12	2.5	4360	4000	4920	4000	2.3	4020	3000	2730	3210
						156A8	36	9600	8810	10840	8810	33	8850	6610	6010	7070
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
						152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
						14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
						155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070
18.4-28	W16L	467 18.4	1477 58.1	655 25.8	4310 169.7	12	2.5	4500	4125	5070	4125	2.2	4120	3075	2800	3290
							36	9910	9090	11170	9090	32	9070	6770	6170	7250
16.9-30	W15L W14	440 17.3	1470 57.9	664 23.1	4339 170.8	10	2.2	3540	3250	4000	3250	2	3350	2500	2280	2680
						149A8	32	7800	7160	8810	7160	29	7380	5510	5020	5900

302 E-2/G-2/L-2



Alliance 302 Industrial Implement tire is a heavy duty implement tire for industrial application and for all types of hard surfaces. It has good self-cleaning ability, as well as high traction, which makes this tread design suitable for all kinds of off road services. Its strong nylon carcass ensures full power transmission as well as good resistance to mechanical tire failures.

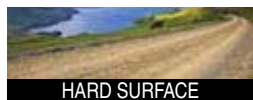


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
							Speed, km/h (mph)									
		Industrial Use						Agricultural Use								
		Inf.	Constant load				Cyclic Applic		Infil.	Road Transport			Field			
		bar psi	20 12				40 25	20 12	40 25	Bar psi	20 12	40 25	50 31	10 6		
14.9-28	W13	378	1343	606	3962	12	3.1	3430	3150	3870	3150	2.7	3160	2360	2150	2530
	W12	14.9	52.9	23.9	156	148A8	45	7560	6940	8520	6940	39	6960	5200	4740	5570
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
						152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
						14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
						155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070

HI TRACTION 321 R-4



Alliance 321 Construction Machinery tire is designed for tough on & off road requirements of modern compact construction machinery and other equipment where moderate traction and long life is required. Its strong nylon carcass casing provides improved resistance to structural failure of the tire.



HARD SURFACE



ON & OFF ROAD CONSTRUCTION

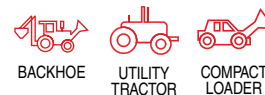


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Static	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31	
10.5/80-18	9	277	910	410	2680	10	3.7	3600	2030	1700	1600	1540	1480	1430	1390	1360	
		10.9	35.8	16.1	105.5	119 B	54	7930	4470	3740	3520	3390	3260	3150	3060	3000	
12.5/80-18	9 11	308 12.1	987 38.9	440 17.3	3021 118.9	10	3.1	4510	2530	2130	2010	1920	1850	1790	1730	1700	
						126 B	45	9930	5570	4690	4430	4230	4070	3940	3810	3740	
						12	3.7	4900	2760	2310	2180	2090	2020	1940	1890	1850	
						129 B	54	10790	6080	5090	4800	4600	4450	4270	4160	4070	
						16	4.9	5775	3250	2725	2570	2465	2375	2290	2220	2180	
						135B	71	12730	7165	6010	5665	5435	5235	5050	4895	4805	
10.5-20	9	270	955	433	2830	10	3.75	3840	2160	1810	1710	1640	1580	1520	1480	1450	
		10.6	37.6	17	111.4	122B	54	8460	4760	3990	3770	3610	3480	3350	3260	3190	
12.5-20	11	325	1040	475	3090	12	3.5	4900	2760	2310	2180	2090	2020	1940	1890	1850	
		12.8	40.9	18.7	121.7	122B	51	10790	6080	5090	4800	4600	4450	4270	4160	4070	
12.5/80-18 HD	9 11	308	987	440	2890	12	3.7	4900	2760	2310	2180	2090	2020	1940	1890	1850	
		12.1	38.9	17.3	113.8	129 B	54	10790	6080	5090	4800	4600	4450	4270	4160	4070	

321 BACKHOE & IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		Speed, km/h (mph)															
		Free rolling							Drive Wheel								
		mm in	mm in						mm in	mm in	10 6	25 16	40 25	50 31	10 6	25 16	40 25
10.5/80-18	9	277	910	410	2683	10	131A8										
		10.9	35.8	16.1	105.6		127 B	3.7	2730	2320	1950	1760	1900	1620	1360	1220	
							119A8	54	6010	5110	4300	3880	4190	3570	3000	2690	
12.5/80-18	9 11	308	987	440	2891	10	115 B										
							139A8										
							134 B	3.1	3400	2890	2430	2190	2380	2020	1700	1530	
						12	126A8	45	7490	6370	5350	4820	5240	4450	3740	3370	
							123 B										
							142A8										
10.5-20	9	270	955	433	2827	10	133A8										
		10.6	37.6	17	111.3		129 B	3.75	2880	2450	2060	1850	2030	1730	1450	1310	
							121A8	54	6340	5400	4540	4070	4470	3810	3190	2890	
12.5-20 NHS	11	325	1040	475	3093	12	118 B										
							138A8										
							134 B	3.5	3710	3150	2650	2390	2590	2200	1850	1670	
							125A8	51	8170	6940	5840	5260	5700	4850	4070	3680	

TOUGH-TRAC 325 R-4



Alliance 325 ToughTrac tire is designed for heavy duty applications with very good resistance to shock and perforation. This tire has specially designed directional tread pattern with massive lug design, aggressive tread pattern and flat stable crown having extra thick sidewall and under tread, making it ideal for compact machineries.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl press	Recommend load, kg (lbs)				
		Speed, km/h (mph)										
		Mixed application										
		SW mm in	OD mm in				Bar psi	Static	10 6	25 16	30 19	40 25
280/80-18	W9	282	905	411	2681	132A8	4	4600	2500	2120	2080	2000
		11.1	35.6	16.2	105.6		58	10140	5510	4675	4585	4410
						145A8	5.6	6670	3625	3075	3015	2900
							81	14705	7992	6779	6647	6393
340/80-20	11	340	1045	473	3088		4	6440	3500	2970	2910	2800
		13.4	41.1	18.6	121.6	144A8	58	14190	7710	6540	6410	6170
400/80-24	DW13	404	1250	568	3725		5	10930	5940	5040	4940	4750
		15.9	49.2	22.4	146.7	162A8	73	24100	13100	11110	10890	10470
400/80-24IND	DW13	404	1250	568	3725	162A8	5	10930	5940	5040	4940	4750
Steel Belted		15.9	49.2	22.4	146.7		73	24100	13100	11110	10890	10470
440/80-24	DW14L	460	1328	603	3933		5	12880	7000	5940	5820	5600
		18.1	52.3	23.7	154.8	168A8	73	28370	15420	13080	12820	12330
440/80-24IND	DW14L	441	1314	597	3892	168A8	5	12880	7000	5940	5820	5600
Steel Belted		17.4	51.7	23.5	153.2		73	28370	15420	13080	12820	12330

500 R-4



Alliance 500 is a modern radial tire for industrial tractors. The tire displays high traction, braking, mileage, riding comfort in transport applications and better resistance to the penetration of sharp objects. All this is achieved by a radial nylon casing, a tough rayon belt, trash shields and a unique self-cleaning tread design.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Constant load				Cyclic Applications				
							mm in	mm in	mm in	mm in	Bar psi	Static	10 6	30 19	40 25	50 31
17.5LR24	W15L W14L	445 17.5	1240 48.8	549 21.6	3615 142.3	**	1.8	5590	3040	2480	2430	2210	3650	2600	2430	2210
						139A8	26	12310	6700	5460	5350	4870	8040	5730	5350	4870
						145A8	2.5	6670	3630	2960	2900	2640	4350	3100	2900	2640
							36	14690	8000	6520	6390	5810	9580	6830	6390	5810
						150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
							44	16980	9230	7530	7380	6720	11080	7890	7380	6720

211 F-3



Alliance 211 is specifically engineered for the front tires of two-wheel drive backhoes. The 211 provides exceptional tread life. The tire displays good load distribution and wide footprint for high stability.



HARD SURFACE



ON & OFF ROAD CONSTRUCTION



Size	Type	PR	RIM	OD	SW	RC	SLR	LCC@AP	SP
			Inches	mm in	mm in	mm in	mm in		
11L-15	TL	8	8LB	770	279	2362	363	1060 @360	40
				30.3	11.0	93.0	14.3	2340 @52	25
11L-15SL	TL	10	8LB	770	274		352	1061 @360	40
				30.3	10.8		13.9	2339 @52	25
11L-16	TL	10	8LB	793	279	2438	373	1120 @360	40
				31.2	11.0	96.0	14.7	2470 @52	25
11L-16SL	TL	12	8LB	793	274		364	1252 @440	40
				31.2	10.8		14.3	2760 @64	25

239 F-3



Alliance 239 is a multipurpose low-section steering wheel tire for heavy duty tractors. It provides high mileage on road and in industrial applications. Its strong nylon construction and the use of high grade compounds guarantee long tire life.



HARD SURFACE



ON & OFF ROAD CONSTRUCTION



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					All surfaces		Improved surfaces					
								mm in	mm in	Static	10 6	20 12	30 19	40 25	50 31
14-17.5	10.5					10	4.8	4470	3160	2730	2570	2460	2380	2270	2180
		363 14.3	927 36.5	418 16.5	2730 107.5	135G	70	9850	6960	6010	5660	5420	5240	5000	4800
						14	6.9	5590	3950	3410	3220	3080	2970	2830	2725
						143G	100	12310	8700	7510	7090	6780	6540	6230	6000

Telehandler



580

R-4

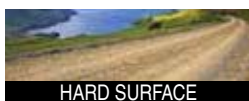
WRC

SB

WEAR RESISTANT
COMPOUND STEEL
BELTED

Alliance 580's unique tread pattern enables strong grip and high traction performance on soft surfaces, as well as comfortable work on hard surfaces. Its carcass construction contributes to high stability of the machine, especially when working on sloppy terrains, and complete puncture protection. This tire, because of its central lug design, is well suited for both on and off road making it a good tire for multi-purpose transportation. The tires' long tread life and low tread wear are based on its specific tread design and durable tread rubber compound.

580 MPT



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW mm in	OD mm in					Speed, km/h (mph)								
								10 6	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
340/80R20MPT	11	343	1052	492	3200	139G	4.5	4370	3650	3040	2790	2720	2670	2600	2530	2430
		13.5	41.4	19.4	126		65	9630	8040	6700	6150	5990	5880	5730	5570	5350
425/75R20MPT	13	427	1138	516	3449	148G	4	5670	4730	3940	3620	3530	3470	3370	3280	3150
		16.8	44.8	20.3	135.8		58	12490	10420	8680	7970	7780	7640	7420	7220	6940

580 TELEHANDLER & INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)						Cyclic Applications	
								Constant load							
								mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19
280/80R18 (10.5R18) IND	W9														
	W8	282	905	418	2770	132A8	4	4600	2500	2220	2140	2000	2000	3000	2680
	W10	11.1	35.6	16.5	109.1	132B	58	10130	5510	4890	4710	4410	4410	6610	5900
300/75R18 (12.0R18) IND	W9	295	908	420	2697	142A8	5	6100	3310	2940	2840	2650	2650	3980	3550
		11.6	35.7	16.5	106.2	142B	73	13450	7300	6480	6260	5840	5840	8770	7830
340/80R18 (335/80R18) (12.5R18) IND	11														
	12														
	11SDC	350	1001	450	2970	143A8	4	6270	3410	3020	2920	2725	2725	4090	3650
	12SDC	13.8	39.4	17.7	116.9	143B	58	13810	7510	6650	6430	6000	6000	9010	8040
	W10														
400/70R18*	W11														
						147		-----UNDER DEVELOPMENT-----							
280/80R20 (10.5R20) IND	W9														
	W8	282	956	437	2846	133A8	4	4740	2580	2290	2200	2060	2060	3090	2760
	W10	11.1	37.6	17.2	112	133B	58	10440	5680	5040	4850	4540	4540	6810	6080
380/75R20 (14.5R20) IND	W12														
	W11	380	1078	487	3181	148A8	4	7250	3940	3500	3370	3150	3150	4730	4220
	11	15	42.4	19.2	125.2	148B	58	15970	8680	7710	7420	6940	6940	10420	9300
400/70R20 IND	12														
	W13														
	W12														
	12SDC	410	1072	485	3239	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
	13SDC	16.1	42.2	19.1	127.5	149B	58	16480	8940	7950	7670	7160	7160	10750	9600
425/75R20 (16.5R20) IND	W14L														
	13	420	1138	511	3449	154A8	4	8630	4690	4160	4010	3750	3750	5630	5030
	11	16.5	44.8	20.1	135.8	154 B	58	19010	10330	9160	8830	8260	8260	12400	11080
	12														
	12SDC					160A8	4.8	10350	5630	5000	4820	4500	4500	6750	6030
405/70R24 IND	13SDC					160B	70	22800	12400	11010	10620	9910	9910	14870	13280
	14														
	13	404	1170	538	3521	152A8	4	8170	4440	3940	3800	3550	3550	5330	4760
	12	15.9	46.1	21.2	138.6	152B	58	18000	9780	8680	8370	7820	7820	11740	10480

580 TELEHANDLER & INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW mm in	OD mm in					Speed, km/h (mph)						Cyclic Applications	
								Constant load							
								Static	10 6	25 16	30 19	40 25	50 31		
440/80R24 (16.9R24) IND	DW14L														
	DW15L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200
	14	17.7	51.5	23.3	152.2	161B	58	21390	12730	11300	10900	10190	10190	15290	13660
	TW14L														
460/70R24 (17.5LR24) IND	DW15L														
	DW14L														
	DW16L	462	1250	567	3797	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
	14	18.2	49.2	22.3	149.5	159B	58	22160	12050	10700	10310	9640	9640	14450	12910
500/70R24 (19.5LR24) IND	16														
	TW14L														
	DW16L	505	1308	600	3900	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.9	51.5	23.6	153.5	164B	58	25330	13770	12220	11780	11010	11010	16520	14760
480/80R26 (18.4R26) IND	DW15	489	1423	642	4268	160A8	3.2	10350	5630	5000	4820	4500	4500	4750	6030
	DW16	19.3	56	25.3	168	160B	46	22800	12400	11010	10620	9910	9910	14870	13280
440/80R28 (16.9R28) IND	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360
	DW15L	18.1	55.5	25.3	164.7	156B	46	20260	11010	9780	9430	8810	8810	13220	11810
500/70R28 (19.5LR28) IND	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16520	14760

570

R-4

HRC

C+C

HEAT RESISTANT COMPOUND CUT & CHIP RESISTANT COMPOUND



TELEHANDLER MFWD

Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction on soft surfaces, as well as comfortable work on hard surfaces. Its basic lug design provides excellent grip and traction on soft surfaces, while more rubber around the center line enables smooth and stable run on road. The strong polyester construction reinforced by steel belts enables higher vehicle speed as well as increased puncture protection.



HARD SURFACE



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
							Transport					Loading				
		mm in	mm in	mm in	mm in		Bar psi	10 6	20 12	30 19	40 25	50 31	Static	1 1	5 3	10 6
405/70R20	13	421	1080	495	3291	143B	3.75	3870	3520	3160	2970	2725	6200	5040	4380	3875
		16.6	42.5	19.5	129.6	155A2	54	8520	7750	6960	6540	6000	13660	11100	9650	8540

570 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								10 6	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
		mm in	mm in	mm in	mm in											
405/70R20 MPT	13	421	1080	492	3291	136G	4	4030	3360	2800	2580	2510	2460	2400	2330	2240
		16.6	42.5	19.5	129.6		58	8880	7400	6170	5680	5530	5420	5290	5130	4930
445/70R24	DW15L	445	1234	564	3670	151G	4	6210	5180	4310	3970	3860	3800	3690	3590	3450
	DW14L	17.5	48.6	22.2	144.5		58	13680	11410	9490	8740	8500	8370	8130	7910	7600
	W14L															
495/70R24	16	499	1304	588	3845	155G	4	6980	5810	4840	4460	4340	4260	4150	4030	3875
		19.6	51.3	23.1	151.4		58	15370	12800	10660	9820	9560	9380	9140	8880	8540

570 INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Constant load				Cyclic Applications				
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	30 19	40 25	50 31	10^ 6	30 19	40 25	50 31
425/55R17	13	425	890	395	2663	142A8	4	6100	3980	2840	2650	2650	4640	2920	2650	2650
		16.7	35	15.6	104.8	142B	58	13440	8770	6260	5840	5840	10220	6430	5840	5840

570 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW mm in	OD mm in					Speed, km/h (mph)								
				Constant load					Cyclic Applications							
				Static	10 6	30 19	40 25	50 31	10^ 6	30 19	40 25	50 31				
425/55R17	13	425	890	395	2663	140A8	3.5	5750	3750	2680	2500	2500	4380	2750	2500	2500
		16.7	35	15.6	104.9	140 B	51	12670	8260	5900	5510	5510	9650	6060	5510	5510
19.5LR24	W16L W15L	495 19.5	1320 52	600 23.6	3912 154	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960
						146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520
						156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640
						153B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020
460/70R24 (17.5LR24)	W15L W14L	445 17.5	1245 49	564 22.2	3797 149.5	150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
						147B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720
						159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000
						159B	58	22160	12050	10310	9640	8810	14450	10310	9640	8810
400/70-20	11 13	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320
		16.3	43	19.9	128.8	161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310
17.5L-24	W15L W14L	445	1250	573	3727	12	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050
		17.5	49.2	22.6	146.7	150A8	45	16980	9230	7670	7380	6720	11080	7890	7380	6720
						147B										

TRACTION INDUSTRIAL I-3

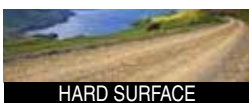


CUT & CHIP RESISTANT COMPOUND



TELEHANDLER DUMP TRUCK

Alliance 323 MPT tire is designed for specific applications on telescopic handlers and compact wheel loaders. It has superior carcass and bead construction which aid in improving tire life. The extra deep lug provides excellent wear under most severe working conditions. Its specially designed directional tread pattern provides excellent traction and self-cleaning properties. This tire is engineered with a special rubber compound which provides better chunk, tear resistance and long tire life.



HARD SURFACE



ON & OFF ROAD CONSTRUCTION

323 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommended load , kg (lbs)				
									Speed, km/h (mph)				
		SW	OD						mm in	mm in	mm in	mm in	10 6
		mm in	mm in	mm in	mm in		Speed Symbol	bar psi	10 6	20 12	30 19	40 25	50 31
405/70-20 16.0/70-20	13	407 16	1076 42.4	496 19.5	3160 124.4	14	149B	3.5	5200	4030	3705	3575	3250
								51	11465	8885	8170	7880	7165
						16	152B	4	5680	4400	4045	3905	3550
								58	12520	9700	8915	8610	7825
405/70-24 16.0/70-24	13	407 16	1178 46.4	546 21.5	3460 136.2	14	152B	4	5680	4400	4045	3905	3550
								58	12520	9700	8915	8610	7825



Compact Wheel Loader and Utility Tractor



COMPACT WHEEL LOADER

606

R-4

WRC

WEAR RESISTANT COMPOUND

SB

STEEL BELTED



COMPACT
LOADER



BACKHOE



WHEEL
LOADER



DOZER



ARTICULATED
DUMP TRUCK



DUMP TRUCK

Alliance 606 tire for Loaders and Dozers is a low section tire for light earthmoving equipment. The tire is an all steel radial tire with steel belted construction. The unique non-directional tread design suits on/off road services. High mileage, easy self cleaning, best traction, fuel saving and ride comfort are some of it's advantages.



HARD SURFACE



TOUGH TERRAIN



OFF ROAD CONSTRUCTION



606EARTH MOVER - COMPACT MACHINERY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)				
				Speed, km/h (mph)				Speed, km/h (mph)									
				mm in	mm in			mm in	mm in	bar psi	Static		5 3	10 6	25 16	bar psi	Static
335/80R18	11	371	984	443	2900	145A2	3.75	4640	3280	2900	2470	4.5	5220	4210	3920	3630	
		14.6	38.7	17.4	114.2		54	10220	7220	6390	5440	65	11500	9270	8630	8000	
365/70R18	11	400	1000	440	2902	146A2	3.75	4800	3390	3000	2550	4.5	5400	4350	4050	3750	
		13	15.7	39.4	17.3		54	10570	7470	6610	5620	65	11890	9580	8920	8260	
405/70R18	13 13SDC																
	12																
	11	452	1070	461	3070	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560	
	W14L	17.8	42.1	18.1	120.9		54	12860	9070	8040	6830	65	14470	11650	10860	10040	
	DW14L																
12.5R20 EM	11					147A2											
	11SDC	366	1076	474	3130		3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840	
	12	14.4	42.4	18.7	123.2		54	10840	7640	6770	5750	65	12200	9820	9140	8460	
16/70R20 EM	12SDC																
	13 13SDC																
	12					155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840	
	11	427	1076	473	3130		54	13660	9650	8540	7250	65	15370	12380	11520	10660	
	W14L	16.8	42.4	18.6	123.2												
DW14L																	
335/80R20EM	11					147A2											
	11SDC	366	1076	474	3130		3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840	
	12	14.4	42.4	18.7	123.2		54	10840	7640	6770	5750	65	12200	9820	9140	8460	
365/80R20EM	12SDC																
	11					153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560	
	11SDC	400	1127	493	3260		54	12860	9070	8040	6830	65	14470	11650	10860	10040	
12SDC	15.7	44.4	19.4	128.3													
405/70R20EM	12SDC																
	13 13SDC																
	12					155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840	
	11	427	1076	473	3130		54	13660	9650	8540	7250	65	15370	12380	11520	10660	
W14L	16.8	42.4	18.6	123.2													
16/70R24 EM	11					158A2	3.75	6800	4800	4250	3610	4.5	7650	6160	5740	5310	
	13	452	1223	538	3550		54	14980	10570	9360	7950	65	16850	13570	12640	11700	
17.5/70R24 EM	13SDC					165A2											
	W14L																
	13	502	1299	567	3750		3.75	8240	5820	5150	4380	4.5	9270	7470	6950	6440	
	W15L	19.8	51.1	22.3	147.6		54	18150	12820	11340	9650	65	20420	16450	15310	14190	
405/70R24EM All Steel	DW15L																
	DW14L																
455/70R24EM All Steel	13	425	1180	527	3548	158A2	3.75	6800	4800	4250	3610	4.5	7650	6160	5740	5310	
	13SDC	16.7	46.5	20.7	139.7		54	14980	10570	9360	7950	65	16850	13570	12640	11700	
	W14L																
	455/70R24EM All Steel	13SDC					165A2										
13		473	1247	537.4	3580	3.75		8240	5820	5150	4380	4.5	9270	7470	6950	6440	
W15L		18.6	49.09	21.2	140.9	54		18150	12820	11340	9650	65	20420	16450	15310	14190	
DW15L																	
	DW14L																

606 TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Symbi	Infl. press	Recommended load, kg (lbs)								
		Speed, km/h (mph)														
		SW	OD					15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37	65 40
		mm in	mm in	mm in	mm in		bar psi									
335/80R18	11	371	984	443	2900	145A2	3.75	2370	2330	2290	2250	2180	2120	2080	1990	1900
		14.6	38.7	17.4	114.2	134B	54	5220	5130	5040	4960	4800	4670	4580	4380	4190
						130D										
365/70R18	11	400	1000	440	2902	135B	3.75	2440	2400	2350	2310	2250	2180	2140	2050	1900
	13	15.7	39.4	17.3	114.2	130D	54	5370	5290	5180	5090	4960	4800	4710	4520	4190
405/70R18	13															
	13SDC															
	12	452	1070	461	3070	141B	3.75	2880	2830	2780	2730	2650	2575	2520	2420	2300
	11	17.8	42.1	18.1	120.9	137D	54	6340	6230	6120	6010	5840	5670	5550	5330	5070
	W14L DW14L															
335/80R20	11															
	11SDC															
	12	366	1076	474	3130	136B	3.75	2510	2460	2420	2370	2310	2240	2200	2110	1950
365/80R20EM	12	14.4	42.4	18.7	123.2	131D	54	5530	5420	5330	5220	5090	4930	4850	4650	4300
	12SDC															
	11															
	11SDC															
	12	400	1127	493	3260	141B	3.75	2880	2830	2780	2730	2650	2575	2520	2420	2240
405/70R20	12	15.7	44.4	19.4	128.3	136D	54	6340	6230	6120	6010	5840	5670	5550	5330	4930
	12SDC															
	13															
	13SDC															
	12	427	1076	466	3090	143B	3.75	3050	3000	2940	2890	2810	2725	2670	2560	2430
16/70R24	11	16.8	42.4	18.3	121.7	139D	54	6720	6610	6480	6370	6190	6000	5880	5640	5350
	W14L DW14L															
	13	425	1180	517	3420	146B	3.75	3360	3300	3240	3180	3090	3000	2940	2820	2650
	13SDC	16.7	46.5	20.4	134.6	142D	54	7400	7270	7140	7000	6810	6610	6480	6210	5840
	405/70R24	13	425	1180	517	3420	146B	3.75	3360	3300	3240	3180	3090	3000	2940	2820
455/70R24	13SDC	16.7	46.5	20.4	134.6	142D	54	7400	7270	7140	7000	6810	6610	6480	6210	5840
	W14L DW14L															
	13SDC															
	13	473	1247	542	3600	154B	3.75	4200	4130	4050	3980	3860	3750	3680	3530	3350
	W15L DW15L	18.6	49.1	21.3	141.7	150D	54	9250	9100	8920	8770	8500	8260	8110	7780	7380

608

R-4
WRC

WEAR RESISTANT COMPOUND

SB

STEEL BELTED



COMPACT LOADER



BACKHOE



TELEHANDLER

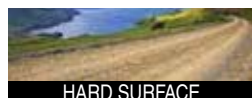


ARTICULATED DUMP TRUCK



DUMP TRUCK

Alliance 608 is an innovative approach to compact machinery tire design. It provides low motion resistance which contributes to lower fuel consumption of compact machines. The tire's tread pattern is an optimized on/off road pattern with shoulder lugs for traction in the fields, as well as long tread life because of massive central blocks when the machine works on harder surfaces. The tire construction includes both, all fabric and steel belted variants.



HARD SURFACE



OFF ROAD CONSTRUCTION



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
				mm in	mm in			mm in	mm in	bar psi	Static		5 3	10 6	25 16	bar psi
365/70R18	11	360	969	444	2936	146A2	3.75	4800	3390	3000	2550	4.5	5400	4350	4050	3750
	13	14.2	38.1	17.5	115.6		54	10570	7470	6610	5620	65	11890	9580	8920	8260
405/70R18	13	408	1025	450	3084	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560
		16.1	40.4	17.7	121.4		54	12860	9070	8040	6830	65	14470	11650	10860	10040

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road				Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
				Speed, km/h (mph)				Speed, km/h (mph)								
				mm in	mm in			mm in	mm in	bar psi		Static	5 3	10 6	25 16	bar psi
335/80R20	11	350	1044	465	3148	136B	3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840
	11SDC	13.8	41.1	18.3	123.9	147A2	54	10840	7640	6770	5750	65	12200	9820	9140	8460
365/80R20	11															
	11SDC	360	1092	482	3304	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560
	12	14.2	43	19	130.1		54	12860	9070	8040	6830	65	14470	11650	10860	10040
405/70R20	12SDC															
	13															
	13SDC															
	12	407	1076	470	3247	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840
	11	16	42.4	18.5	127.8		54	13660	9650	8540	7250	65	15370	12380	11520	10660
455/70R20	W14L															
	DW14L															
	14	445	1146	518	3465	162A2	3.75	7600	5370	4750	4040	4.5	8550	6890	6410	5940
		17.5	45.1	20.4	136.4		54	16740	11830	10460	8900	65	18830	15180	14120	13080

608 TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)					
								Speed, km/h (mph)					
		SW	OD										
		mm in	mm in	mm in	mm in		bar psi	15 9	20 12	25 16	30 19	40 25	50 31
335/80R18	11												
	W10												
	W11	343	992	445	2985	136A8	3.2	2530	2440	2370	2330	2240	2040
	11SDC	13.5	39.1	17.5	117.5		46	5570	5370	5220	5130	4930	4490
	12												
365/70R18EM	12SDC												
	11	360	969	444	2936	135B	3.75	2440	2400	2350	2310	2250	2180
	13	14.2	38.1	17.5	115.6		54	5370	5290	5180	5090	4960	4800
405/70R18	13												
	13SDC												
	12	407	1024	450	3084	141B	3.75	2880	2830	2780	2730	2650	2575
	11	16	40.3	17.7	121.4		54	6340	6230	6120	6010	5840	5670
	W14L												
365/80R20	DW14L												
	11												
	11SDC	360	3304	482	3300	141B	3.75	2880	2830	2780	2730	2650	2575
	12	14.2	130.1	19	129.9		54	6340	6230	6120	6010	5840	5670
405/70R20	12SDC												
	13	407	3247	470	3243	143B	3.75	3050	3000	2940	2890	2810	2725
	13SDC	16	127.8	18.5	127.7		54	6720	6610	6480	6370	6190	6000

608 TELEHANDLER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)	
								Speed, km/h (mph)	
		SW	OD						
		mm in	mm in	mm in	mm in		bar psi	10 6	50 31
460/70R24 (17.5LR24IND)	W15	455	1254	557	3635	165A2	4	5150	3750
		17.9	49.4	21.9	143.1	154B	58	11350	8270
405/70R24 (16/70R24)	W13	407	1178	543	3552	158A2	3.7	4250	3000
		16	46.4	21.4	139.8	146B	54	9370	6610

601 MUD & SNOW

R-4

SC

SB

SPECIAL
COMPOUND

STEEL
BELTED



COMPACT
LOADER



EXCAVATOR



BACKHOE



ARTICULATED
DUMP TRUCK

Alliance 601 Mud & Snow (M+S) tire was developed for use on construction and agro-industrial equipments. The radial tire construction with strong fabric layers protected by steel belts, promises long tire life. The 601 M+S model also ensures high traction as well as efficient self cleaning ability. It's high crown radius provides flat contact area and enables even ground pressure distribution. This tire's non directional tread design is suitable for all kinds of surfaces, providing equal traction in both directions of travel.



ON & OFF ROAD CONSTRUCTION



MUD & SNOW



WET SURFACE



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
				Constant load				Cyclic Applications							
				mm in	mm in	mm in	mm in	Bar psi	Static	10 6	30 19	40 25	50 31	10^ 6	30 19
15.5/55R18	11	370	890	395	2686	140A8	3.5	5750	3130	2600	2500	3750	2680	2500	2500
		14.6	35	15.6	105.7	140B	51	12670	6890	5730	5510	8260	5900	5510	5510

326 WIDE GRIP

E-2/L-2/G-2

SC

SPECIAL
COMPOUND

Alliance 326 Wide Grip Loader Dozer tire is a wide base tubeless tire. It is designed for superior self-cleaning, high traction and high flotation in all off road applications. Its heavy-duty nylon construction and weather & ozone-resistant rubber compounds ensure longer tire life on all types of services.



ON & OFF ROAD CONSTRUCTION



WHEEL LOADER



COMPACT
LOADER



ARTICULATED
DUMP TRUCK



326 LOADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road				Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
				Speed, km/h (mph)				Speed, km/h (mph)								
				mm in	mm in			mm in	mm in	bar psi		Static	5 3	10 6	25 16	bar psi
16/70-20EM (405/70-20) EM L-2	13DC max.10PR 13SDC 14PR 13SDC	407 16	1076 42.4	475 18.7	3130 123.2	10	3.25	6600	4660	4125	3510	3.9	7430	5980	5570	5160
						157A2	47	14540	10260	9090	7730	57	16370	13170	12270	11370
						14	4.5	8480	5990	5300	4510	5.4	9540	7690	7160	6630
						166A2	65	18680	13190	11670	9930	78	21010	16940	15770	14600
16/70-24EM (405/70-24) EM L-2	13.00 DC	407 16	1178 46.4	577 22.7	3660 144.1	10	3.25	7600	5370	4750	4040	3.9	8550	6890	6410	5940
						162A2	47	16740	11830	10460	8900	57	18830	15180	14120	13080
						14	4.5	9280	6550	5800	4930	5.4	10440	8410	7830	7250
						169A2	65	20440	14430	12780	10860	78	23000	18520	17250	15970
22/70-24 (20-24EM) EM L-2	16.00 T SDC	545 21.5	1390 54.7	612 24.1	4040 159.1	12	3	10400	7350	6500	5530	3.6	11700	9430	8780	8130
						173A2	44	22910	16190	14320	12180	52	25770	20770	19340	17910
						14	3.5	11360	8020	7100	6040	4.2	12780	10300	9590	8880
						176A2	51	25020	17670	15640	13300	61	28150	22690	21120	19560

326 TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symbi	Infl. press bar	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				mm in	mm in			mm in	mm in	15 9	20 12	25 16	30 19	40 25	50 31	55 34
									psi							
16/70-20EM (405/70-20) EM E-2	13DC max.10PR 13SDC 14PR 13SDC	407 16	1076 42.4	475 18.7	3130 123.2	10										
						141B	2.5	2880	2830	2780	2730	2650	2575	2500	2370	2120
						134D	36	6340	6230	6120	6010	5840	5670	5510	5220	4670
						14										
						149B	3.5	3640	3580	3510	3450	3350	3250	3150	2990	2725
						143D	51	8020	7890	7730	7600	7380	7160	6940	6590	6000

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symbi	Infl. press bar	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					mm in	mm in	15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37
16/70-24EM (405/70-24) EM E-2	13.00 SDC 13DC	407 16	1178 46.4	577 22.7	3660 144.1	10											
						143B	2.5 36	3050 6720	3000 6610	2940 6480	2890 6370	2810 6190	2725 6000	2640 5810	2510 5530	2300 5070	
						137D											
						14											
						152B	3.5 51	3980 8770	3910 8610	3830 8440	3760 8280	3660 8060	3550 7820	3440 7580	3270 7200	2900 6390	
20-24EM 22/70-24 EM E-2	16.00 T SDC	545 21.5	1390 54.7	612 24.1	4040 159.1	145D											
						12											
						158B	2.5 36	4760 10480	4680 10310	4590 10110	4510 9930	4380 9650	4250 9360	4120 9070	3910 8610	3550 7820	
						152D											
						14											
						163B	3 44	5460 12030	5360 11810	5270 11610	5170 11390	5020 11060	4875 10740	4730 10420	4490 9890	4000 8810	
						156D											

UTILITY TRACTOR

580

R-4



UTILITY TRACTOR 4WD



UTILITY TRACTOR MFWD

Alliance 580 is built with unique tread pattern that enable strong grip and high traction on soft surfaces, as well as comfortable work on hard surfaces. Its carcass construction contributes to high stability of the machine, especially when working on slopes, and complete puncture protection. This tire, because of its central lug design, is well suited for both on and off road, hence it's also a good tire for multi-purpose transportation. The tires' long tread life and low tread wear are based on its specific tread design and durable tread rubber compound.



580 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW mm in	OD mm in					Speed, km/h (mph)								
								10 6	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
340/80R20MPT	11	343	1052	492	3200	139G	4.5	4370	3650	3040	2790	2720	2670	2600	2530	2430
		13.5	41.4	19.4	126		65	9630	8040	6700	6150	5990	5880	5730	5570	5350
425/75R20MPT	13	427	1138	516	3449	148G	4	5670	4730	3940	3620	3530	3470	3370	3280	3150
		16.8	44.8	20.3	135.8		58	12490	10420	8680	7970	7780	7640	7420	7220	6940

580 INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		Speed, km/h (mph)													
		SW	OD				Constant load						Cyclic Applications		
		mm in	mm in				mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	10^ 6
280/80R18 (10.5R18) IND	W9	282	905	418	2770	132A8	4	4600	2500	2220	2140	2000	2000	3000	2680
	W8	11.1	35.6	16.5	109.1	132B	58	10130	5510	4890	4710	4410	4410	6610	5900
	W10														
300/75R18 (12.0R18)IND	W9	295	908	420	2697	142A8	5	6100	3310	2940	2840	2650	2650	3980	3550
		11.6	35.7	16.5	106.2	142B	73	13450	7300	6480	6260	5840	5840	8770	7830
340/80R18 (335/80R18) (12.5R18) IND	11	350	1001	450	2970	143A8	4	6270	3410	3020	2920	2725	2725	4090	3650
	12	13.8	39.4	17.7	116.9	143B	58	13810	7510	6650	6430	6000	6000	9010	8040
	11SDC														
	12SDC														
	W10														
	W11														

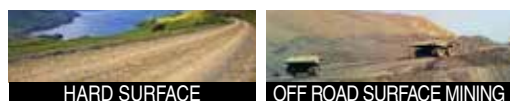
580 INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Constant load						Cyclic Applications	
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10^ 6	15 9
280/80R20 (10.5R20) IND	W9	282	956	437	2846	133A8	4	4740	2580	2290	2200	2060	2060	3090	2760
	W8	11.1	37.6	17.2	112	133B	58	10440	5680	5040	4850	4540	4540	6810	6080
	W10														
340/80R20 (12.5/80R20) IND	11	343	1052	477	3200	144A8	4	6440	3500	3110	3000	2800	2800	4200	3750
	12	13.5	41.4	18.8	126	144B	58	14190	7710	6850	6610	6170	6170	9250	8260
	11SDC														
	12SDC														
	W10														
380/75R20 (14.5R20) IND	W11	380	1078	487	3181	148A8	4	7250	3940	3500	3370	3150	3150	4730	4220
	11	15	42.4	19.2	125.2	148B	58	15970	8680	7710	7420	6940	6940	10420	9300
	12														
400/70R20 IND	W13	410	1072	485	3239	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
	W12	16.1	42.2	19.1	127.5	149B	58	16480	8940	7950	7670	7160	7160	10750	9600
	12SDC														
	13SDC														
425/75R20 (16.5R20) IND	W14L														
	13	420	1138	511	3449	154A8	4	8630	4690	4160	4010	3750	3750	5630	5030
	11	16.5	44.8	20.1	135.8	154B	58	19010	10330	9160	8830	8260	8260	12400	11080
	12														
	12SDC					160A8	4.8	10350	5630	5000	4820	4500	4500	6750	6030
405/70R24 IND	13SDC					160B	70	22800	12400	11010	10620	9910	9910	14870	13280
	14														
	14														
440/80R24 (16.9R24) IND	13	404	1170	538	3521	152A8	4	7710	4190	3720	3580	3350	3350	5030	4490
	12	15.9	46.1	21.2	138.6	152B	58	16980	9230	8190	7890	7380	7380	11080	9890
460/70R24 (17.5LR24) IND	DW14L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200
	DW15L	17.7	51.5	23.3	152.2	161B	58	21390	12730	11300	10900	10190	10190	15290	13660
	14														
460/70R24 (17.5LR24) IND	TW14L														
	DW15L	462	1250	567	3797	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
	DW14L	18.2	49.2	22.3	149.5	159B	58	22160	12050	10700	10310	9640	9640	14450	12910
	DW16L														
500/70R24 (19.5LR24) IND	14														
	16														
	TW14L														
480/80R26 (18.4R26) IND	DW16L	505	1308	600	3900	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.9	51.5	23.6	153.5	164B	58	25330	13770	12220	11780	11010	11010	16520	14760
440/80R28 (16.9R28) IND	16														
	DW15	489	1423	642	4268	160A8	3.2	10350	5630	5000	4820	4500	4500	4750	6030
500/70R28 (19.5LR28) IND	DW16	19.3	56	25.3	168	160B	46	22800	12400	11010	10620	9910	9910	14870	13280
	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360
500/70R28 (19.5LR28) IND	DW15L	18.1	55.5	25.3	164.7	156B	46	20260	11010	9780	9430	8810	8810	13220	11810
	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
500/70R28 (19.5LR28) IND	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16520	14760

570 R-1



Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction on soft surfaces, as well as comfortable work on hard surfaces. Its basic lug design provides excellent grip and traction on soft surfaces, while more rubber around the center line enables smooth and stable run on road. The strong polyester construction reinforced by steel belts enables higher vehicle speed as well as increased puncture protection. Flatter tread because of radial construction provides even pressure distribution, high productivity and optimal fuel consumption.



570 TRACTOR

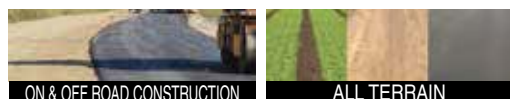
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				Constant load				Cyclic Applications								
				mm in	mm in	mm in	mm in	Bar psi	Static	10 6	30 19	40 25	50 31	10^ 6	30 19	40 25
425/55R17	13	425	890	395	2263	140A8	3.5	5750	3750	2680	2500	2500	4380	2750	2500	2500
		16.7	35	15.6	89.1	140B	51	12670	8260	5900	5510	5510	9650	6060	5510	5510
400/70-20	11 13	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320
		16.3	43	19.9	128.8	161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310
19.5LR24	W16L W15L	495 19.5	1320 52	600 23.6	3912 154	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960
						146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520
						156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640
						153B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020
460/70R24 (17.5LR24)	W15L W14L	445 17.5	1245 49	564 22.2	3682 145	150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
						147B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720
						159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000
500/85R24	W16L W15L	528 20.8	1458 57.4	653 25.7	4365 171.9	159B	58	22160	12050	10310	9640	8810	14450	10310	9640	8810
						171A8	2.8	14150	7690	6400	6150	5600	9230	6580	6150	5600
17.5L-24	W15L W14L	445 17.5	1250 49.2	573 22.6	3727 146.7	179A2	41	31170	16940	14100	13550	12330	20330	14490	13550	12330
						12	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050
						150A8 147B	45	16980	9230	7670	7380	6720	11080	7890	7380	6720



317 R-1



Alliance 317 tire is designed for applications that require high traction. It is engineered to provide the best performance for on and off road services in tough weather conditions. The tire provides excellent traction to drive wheels and has a strong nylon carcass construction.



317 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		Speed Symbol	bar psi	15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
10.5-18	9					10	126G	3.75	2810	2550	2130	1960	1900	1870	1820	1770	1700
		270	905	415	2700			54	6190	5620	4690	4320	4190	4120	4010	3900	3740
		10.6	35.6	16.3	106.3			4.5	3140	2850	2380	2190	2130	2090	2030	1975	1900
						12	130G	65	6925	6285	5245	4830	4695	4605	4475	4355	4190
12.5-18	11 12					10	128G	3	2970	2700	2250	2070	2020	1980	1930	1870	1800
								43	6540	5950	4960	4560	4450	4360	4250	4125	3960
		325	990	450	2940			3.5	3220	2930	2440	2240	2180	—	—	—	—
		12.8	39	17.7	115.7			51	7090	6450	5370	4930	4800	—	—	—	—
						16	136G	4.5	3700	3360	2800	2580	2510	2460	2400	2330	2240
								65	8150	7400	6170	5680	5530	5420	5290	5130	4930



533 R-4



Alliance 533 reinforced tire is an industrial drive wheel tire, constructed for non-agricultural applications. The tire's heavy nylon construction and special tread compound are designed to achieve best results on industrial use as well as off road and building site services. Its tread design gives more traction and breaking power as well as high mileage on road.

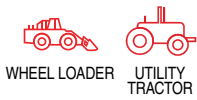


533 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
							Speed, km/h (mph)									
		SW	OD	Infi.	Constant load		Cyclic Applic		Agricultural Use							
									Infil.	Road Transport			Field			
					mm in		mm in	mm in		mm in	bar psi	20 12		40 25	20 12	40 25
14.9-24	W13 W12	378 14.9	1241 48.9	560 22	3661 144.1	10	2.5	2890	2650	3260	2650	2.2	2760	2060	1870	2200
						142A8	36	6370	5840	7180	5840	32	6080	4540	4120	4850
						12	2.9	3160	2900	3570	2900	2.6	3000	2240	2040	2400
						145A8	42	6960	6390	7860	6390	38	6610	4930	4490	5290
16.9-24	W15L	429 16.9	1309 51.5	589 23.2	3855 151.8	12	2.6	3540	3250	4000	3250	2.5	3510	2620	2380	2800
						149A8	38	7800	7160	8810	7160	36	7730	5770	5240	6170
17.5L-24	W15L W14L	444 17.5	1240 48.8	551 21.7	3623 142.6	8	1.7	2650	2430	2990	2430	1.5	2510	1870	1700	2000
						139A8	25	5840	5350	6590	5350	22	5530	4120	3740	4410
						10	2.2	3050	2800	3440	2800	2	2880	2150	1960	2300
						144A8	32	6720	6170	7580	6170	29	6340	4740	4320	5070
18.4-24	W16L W15L	467 18.4	1375 54.1	605 23.8	3992 157.2	12	2.5	4220	3875	4770	3875	2.3	3990	2980	2710	3190
						155A8	36	9300	8540	10510	8540	33	8790	6560	5970	7030
19.5L-24	W17L W16L	495 19.5	1314 51.7	580 22.8	3823 150.5	10	1.9	3350	3075	3780	3075	1.7	3180	2370	2160	2540
						147A8	28	7380	6770	8330	6770	25	7000	5220	4760	5590
						12	2.3	3760	3450	4240	3450	2.1	3550	2650	2410	2840
						151A8	33	8280	7600	9340	7600	30	7820	5840	5310	6260
21L-24	DW18L W18L	533 21	1377 54.2	605 23.8	3995 157.3	10	1.8	3650	3350	4120	3350	1.5	3080	2300	2090	2460
						150A8	26	8040	7380	9070	7380	22	6780	5070	4600	5420
						12	2.2	4220	3875	4770	3875	1.9	3550	2650	2410	2840
						155A8	32	9300	8540	10510	8540	28	7820	5840	5310	6260
						16	2.8	4910	4500	5540	4500	2.5	4120	3075	2800	3290
						160A8	41	10810	9910	12200	9910	36	9070	6770	6170	7250
18.4-26	DW16A W16L W15L	467 18.4	1425 56.1	628 24.7	4325 170.3	10	2	3980	3650	4490	3650	1.8	3550	2650	2410	2840
						153A8	29	8770	8040	9890	8040	26	7820	5840	5310	6260
						12	2.5	4360	4000	4920	4000	2.3	4020	3000	2730	3210
						156A8	36	9600	8810	10840	8810	33	8850	6610	6010	7070
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
						152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
						14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
						155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070
18.4-28	W16L W15	467 18.4	1477 58.1	655 25.8	4310 169.7	12	2.5	4500	4125	5070	4125	2.2	4120	3075	2800	3290
							36	9910	9090	11170	9090	32	9070	6770	6170	7250
16.9-30	W15L W14	440 17.3	1470 57.9	664 26.1	4339 170.8	10	2.2	3540	3250	4000	3250	2	3350	2500	2280	2680
						149A8	32	7800	7160	8810	7160	29	7380	5510	5020	5900

300 MPT R-4 SC AS

SPECIAL COMPOUND ALL STEEL



Alliance 300 is a modern, all steel radial, wide-base tire. Its unique tread design provides high mileage and high performance.

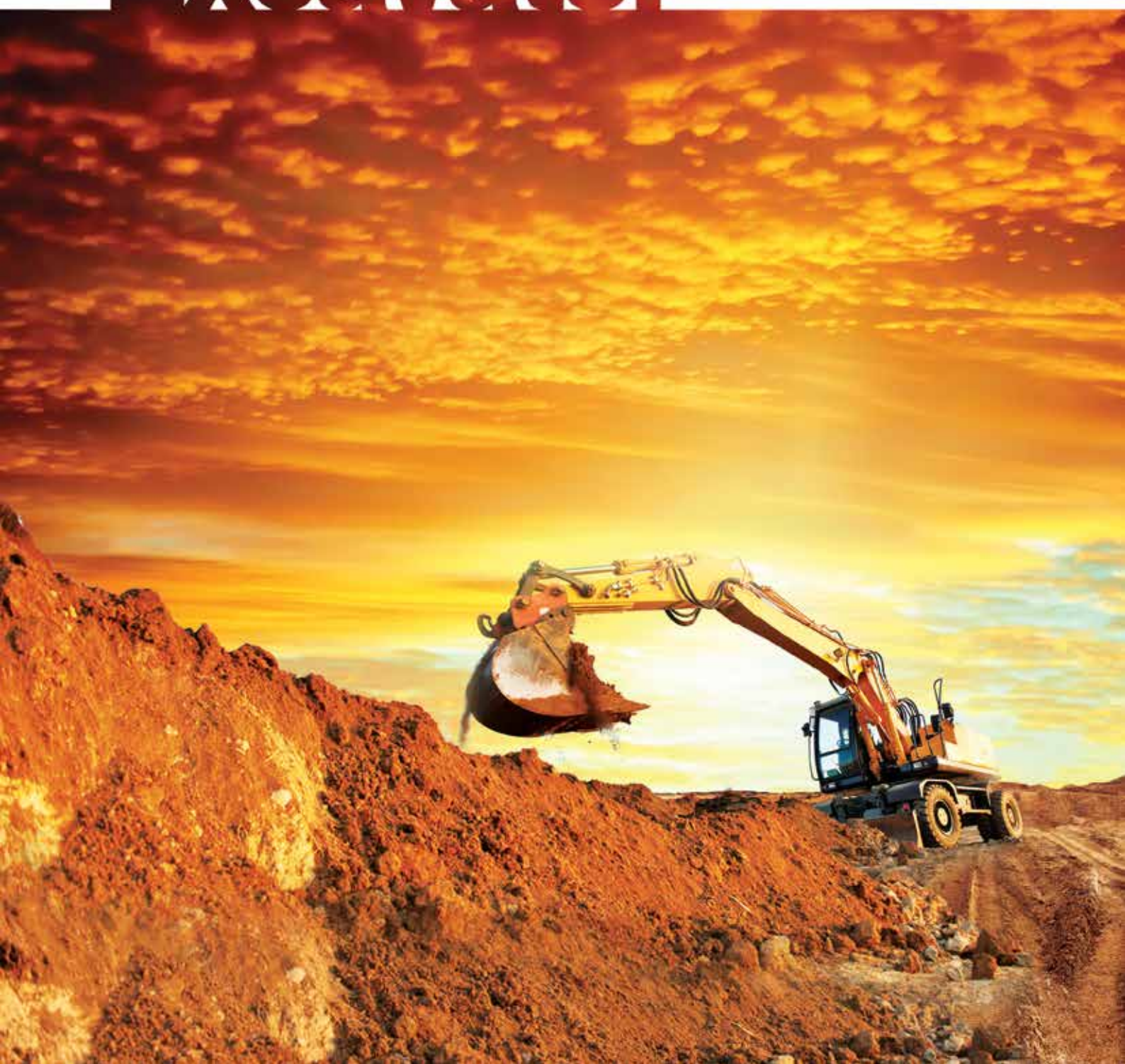


ON & OFF ROAD CONSTRUCTION



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		Speed Symbol	bar psi	15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
12.5R20	11	330	1040	475	3112	12	132G	3.5	3300	3000	2500	2300	2240	2200	2140	2080	2000
		13	40.9	18.7	122.5			51	7270	6610	5510	5070	4930	4850	4710	4580	4410

Excavator



390

I-2

SC

WRC

FLOTATION

SPECIAL COMPOUND

WEAR RESISTANT COMPOUND



EXCAVATOR

The Alliance 390 heavy duty is a special construction tires for hard work in tough environments. It is developed to carry heavy loads on tough terrain conditions. The tire gives excellent machine stability, comfortable ride and traction and better overall performance on the road. The steel belts in the tire make it a tough tire for tough terrains. Special compounds like wear resistant compound and puncture resistant compound give it an increased tire life.



HARD SURFACE



OFF ROAD CONSTRUCTION



TOUGH TERRAIN



HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		Mixed application													
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	
600/50R22.5	20.00DC	605	1168	527.3	3605	174A8	6.5	15410	8380	7100	6970	6700	6150	—	—
Heavy Duty Industrial		23.8	46	20.8	141.9	171B	94	33940	18460	15640	15350	14760	13550	—	—

MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	LI/LS	Infl. press bar psi	Recommend load, kg (lbs)										
								Speed, km/h (mph)										
		SW mm in	OD mm in	mm in				Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37	65 41	70 44	80 50
24R20.5	18	605	1372	620	4208	176F	6	17750	12780	—	9590	8880	8170	7950	7810	7630	7460	7100
ALL STEEL		23.8	54	24.4	165.7		87	39100	28150	—	21120	19560	18000	17510	17200	16810	16430	15640
500/45R22.5 MPT	AG16.00	508	1025	472	3158	154F	6	9380	6750	—	5060	4690	4310	4200	4130	4030	3940	3750
ALL STEEL		20	40.4	18.6	124.3		87	20660	14870	—	11150	10330	9490	9250	9100	8880	8680	8260
600/50R22.5 MPT	20.00DC	585	1180	539	3510	166F	6	13250	9540	8745	7155	6625	6095	5936	5830	5698	5565	5300
		23	46.5	21.2	138.2		87	29190	21010	19260	15760	14590	13430	13070	12840	12550	12260	11670

380

I-2

SC

WRC

SB

FLOTATION

SPECIAL COMPOUND

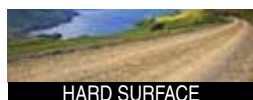
WEAR RESISTANT COMPOUND

STEEL BELTED



EXCAVATOR

Alliance 380 is a heavy duty radial flotation tire suitable for excavators, developed to carry heavy loads on tough terrain conditions. Special non-directional tread pattern enables equal traction and steering capability in forward and backward driving directions. The tire is successfully replacing dual configuration for wheeled excavators. In addition, the tire gives excellent machine stability, comfortable ride, good machine mobility, better self-cleaning and traction, and better overall performance on the road. Unique sidewall construction enables high side machine stability and tilt characteristics, while steel breakers efficiently prevent punctures and enable uniform ground stress distribution.



HARD SURFACE



OFF ROAD CONSTRUCTION



TOUGH TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
				Mixed application											
				mm in	mm in		mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31
620/40R22.5	20.00DC					169A8	6.5	13630	8120	6900	6500	5800	5510	—	—
		605	1085	491	3352		94	30020	17890	15200	14320	12780	12140	—	—
		23.8	42.7	19.3	132										
						171A8	7	14450	8610	7320	6900	6150	5840	—	—
							102	31830	18960	16120	15200	13550	12860	—	—

506 DUAL MASTER

I-2



Alliance 506 Dual Master's sidewall construction enables close contact between two tires excluding necessity to mount a special rubber ring in order to prevent stone penetration between the tires. Radial tire construction enables long tread life, comfortable run and low fuel consumption. Its strong all steel carcass provides machine stability, good puncture protection and re-treadability of tires. Shoulder lugs provide efficient grip on soft surfaces. More rubber around the center line provides smooth and stable behavior on hard surfaces.



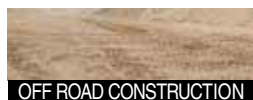
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)						
								Speed, km/h (mph)						
								For Single tire on Dual Application						
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31
315/80R22.5	9	329.5	1100	490	3090	154A8	8.5	8810	5250	4730	4460	4200	3750	3380
		13	43.3	19.3	121.7		123	19410	11560	10420	9820	9250	8260	7440
						158A8	9	9980	5950	5360	5050	4760	4250	3830
							131	22000	13120	11820	11130	10490	9370	8440

528 DUAL MASTER

I-2



Alliance 528 Dual Master's sidewall construction enables close contact between two tires excluding necessity to mount a special rubber ring in order to prevent stone penetration between the tires. Radial tire construction enables long tread life, comfortable run and low fuel consumption. Its strong all steel carcass provides machine stability, good puncture protection and re-treadability of tires. The 528 tread pattern belongs to the moderate traction group, providing effective performances on both, on and off road applications. Shoulder lugs provide efficient grip on soft surfaces.



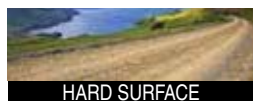
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)						
		Speed, km/h (mph)												
		For Single Application *												
		SW	OD	mm in	mm in		mm in	mm in	bar psi	Static	10 6	20 12	25 16	30 19
315/80R22.5	9	325.5	1100	490	3090	154A8	8.5	8810	5250	4730	4460	4200	3750	3380
		12.8	43.3	19.3	121.7		123	19410	11560	10420	9820	9250	8260	7440
						158A8	9	9980	5950	5360	5050	4760	4250	3830
							131	22000	13120	11820	11130	10490	9370	8440

225

E-2



The tread pattern of 225 MPT is designed for self-cleaning as well as for smooth on road driving. The diagonal lug design of the tire provides best traction in all services, terrain and weather conditions besides improving resistance to side slips. Its wide based design provides high flotation properties and permits low inflation pressure. For free rolling and better mileage on road service, it is recommended to mount tires in opposite direction than usual.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		bar psi	Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31
8.25-20ML	6.5															
	6.50T	234	985	467	3000	12 134B	6.2	4260	2960	2480	2400	2350	2330	2250	2160	2120
	7	9.2	38.8	18.4	118.1		90	9380	6520	5460	5290	5180	5130	4960	4760	4670
	7.00T															
	7.0T5°															

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31
9.00-20ML	7 7.00T 7.0T5° 7.5 7.5V 7.5T5°	256 10.1	1035 40.7	491 19.3	3150 124	10	5.2	4490	3120	2620	2530	2490	2460	2370	2280	2240
	136B					75	9890	6870	5770	5570	5480	5420	5220	5020	4930	
	12					6.2	5020	3490	2930	2830	2780	2750	2650	2550	2500	
	140B					90	11060	7690	6450	6230	6120	6060	5840	5620	5510	
	14					7.2	5630	3920	3290	3170	3120	3090	2970	2860	2800	
10.00-20ML ML-2	7.5 7.50V 8 8.00V 8.0V5°	275 10.8	1065 41.9	505 19.9	3240 127.6	12	5.2	5180	3600	3020	2920	2870	2840	2740	2630	2575
	141B					75	11410	7930	6650	6430	6320	6260	6040	5790	5670	
	14					6.6	5830	4060	3400	3290	3230	3200	3080	2960	2900	
	145B					96	12840	8940	7490	7250	7110	7050	6780	6520	6390	
	16					7.5	6300	4410	3685	—	3495	—	3340	—	3150	
11.00-20ML ML-2	8 8.00V 8.0V5° 8.5 8.50V 8.5V5°	291 11.5	1095 43.1	517 20.4	3320 130.7	12	5.5	5830	4060	3400	3290	3230	3200	3080	2960	2900
	145B					80	12840	8940	7490	7250	7110	7050	6780	6520	6390	
	16					7.2	7330	5100	4280	4130	4050	4020	3870	3720	3650	
	153B					104	16150	11230	9430	9100	8920	8850	8520	8190	8040	
	12					5	6740	4690	3930	3800	3730	3690	3560	3420	3350	
15-22.5ML ML-2	11.75 12.25	388 15.3	1095 43.1	508 20	3290 129.5	150B	73	14850	10330	8660	8370	8220	8130	7840	7530	7380
	14					6	7550	5250	4400	4250	4170	4140	3980	3830	3750	
	154B					87	16630	11560	9690	9360	9190	9120	8770	8440	8260	
	16					7.25	8550	5950	4990	4820	4730	4690	4510	4340	4250	
	158B					105	18830	13110	10990	10620	10420	10330	9930	9560	9360	
						22	9.6	10050	6990	5870	5660	5560	5510	5300	5100	5000
						164B	139	22140	15400	12930	12470	12250	12140	11670	11230	11010

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
									15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
12.5-20MPT	11	325	1040	475	3090	10	133F	3.5	3400	3090	2580	2370	2310	2270	2200	2060	—
		12.8	40.9	18.7	121.7			51	7490	6810	5680	5220	5090	5000	4850	4540	—
						14	137F	3.8	3680	3350	2790	2560	2500	2450	2390	2230	
								4	3800	3450	2880	2650	2580	2530	2460	2300	

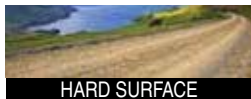
224

E-2



EXCAVATOR

Alliance 224 Construction Machinery tire is a wide base tire that is designed for cranes, dump trucks and excavators. It provides excellent traction in all working conditions as well as resistance to side slips. For best results in running wheels of vehicles engaged in on road applications, it is recommended to mount the tires in the opposite direction than usual.



HARD SURFACE



OFF ROAD CONSTRUCTION



SCRAP HANDLING



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31
18-19.5	14 13	457 18	1080 42.5	495 19.5	3326 130.9	16	6	9040	6290	5280	5090	5000	4960	4770	4590	4500
						160B	87	19910	13850	11630	11210	11010	10930	10510	10110	9910
						18	7.25	10340	7190	6040	5830	5720	5670	5460	5250	5150
						165B	105	22780	15840	13300	12840	12600	12490	12030	11560	11340

624

R-4

SC

AS

SPECIAL
COMPOUND

ALL STEEL



EXCAVATOR

COMPACT
LOADER

TELEHANDLER

Alliance 624 is a unique tire for various machines. It has an all-steel radial construction with a wide base and mud releaser. It has massive lugs with steep angles close to the central line, lower angles close to shoulders, massive centre blocks, robust sidewall construction with rim guards and reinforced shoulder area.



OFF ROAD CONSTRUCTION



ON & OFF ROAD CONSTRUCTION



TOUGH TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling circ. RCI	Load Index Speed Symbol	Infl. press	Recommended load , kg (lbs)									
								Speed, km/h (mph)									
		Constant Load							Cyclic Applications*								
		SW mm in	OD mm in				mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	25 16	30 19	35 22
445/70R19.5 (18R19.5)	14	445	1105	497	3400	173A8	7.5	14950	9610	8000	6890	6760	6630	6500	10860	9750	8710
					133.9	180A2	109	32930	21170	17620	15180	14890	14600	14320	23920	21480	19190
445/70R22.5 (18R22.5)	14	454	1195	539.2	3646	175A8	7.5	15870	10010	8500	7310	7180	7040	6900	11520	10350	9250
		17.9	47	21.2	143.5	182A2	109	34960	22050	18720	16100	15810	15510	15200	25370	22800	20370

331

I-3

WRC

FLOTATION

WEAR
RESISTANT
COMPOUND

EXCAVATOR

Alliance 331 Heavy Duty Flotation tread design is basically a high traction profile with good self cleaning characteristics suitable for on/off road service. High load carrying capacity and low inflation pressure is the main characteristic of this tire. Strong nylon construction and compounds ensure long tire life.



OFF ROAD CONSTRUCTION



SEVERE CONDITION



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31	
500/45-20	16.00DC	490	980	446	2910	164A6	6	7430	6980	5990	5670	5360	5040	4750	4500	4050
		19.3	38.6	17.6	114.6	162A7	87	16370	15370	13190	12490	11810	11100	10460	9910	8920
						160A8										
600/40-22.5 Available with steel breaker	20.00DC	600	1100	505	3356	173A6	6	9570	8990	7710	7310	6900	6500	6150	5800	5220
		23.6	43.3	19.9	132.1	171A7	87	21080	19800	16980	16100	15200	14320	13550	12780	11500
						169A8										
600/50-22.5	20.00DC	600	1205	547	3472	174A6	6	9900	9300	7980	7560	7140	6720	6300	6000	5400
		23.6	47.4	21.5	136.7	172A7	87	21810	20480	17580	16650	15730	14800	13880	13220	11890
						170A8										
650/45-22.5	20.00DC	645	1170	535	3648	173A6	4.5	9570	8990	7710	7310	6900	6500	6150	5800	5220
		25.4	46.1	21.1	143.6	171A7	65	21080	19800	16980	16100	15200	14320	13550	12780	11500
						169A8										
700/40-22.5	24.00DC	700	1230	559	3700	177A6	6	10730	10080	8650	8190	7740	7300	6900	6500	5850
		27.6	48.4	22	145.7	175A7	87	23630	22200	19050	18040	17050	16080	15200	14320	12890
						173A8										

344

LS-2

SB

STEEL
BELTED



EXCAVATOR

The Alliance 344, Heavy Duty flotation tire has been developed for excavators to carry heavy loads on tough terrain conditions. The tire successfully replaces the traditional dual-wheels configuration. It gives excellent traction, machine stability and better self-cleaning. In addition, the steel breaker construction efficiently prevents punctures and enables uniform ground stress distribution.



OFF ROAD CONSTRUCTION



ON & OFF ROAD CONSTRUCTION



TOUGH TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommended load , kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in			Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31	
600/40-22.5	AG20.00	590	1090	500	3358	175A6	7	10150	9530	8180	7750	7320	6890	6520	6150	5540	
		23.2	42.9	19.7	132.2	171A8	102	22360	20990	18020	17070	16120	15180	14360	13550	12200	

839

E-2

C+C

CUT & CHIP
RESISTANT
COMPOUND



EXCAVATOR

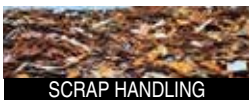
Alliance 839 has strong carcass construction that provides good puncture resistance and stability. Improved tread design gives good traction, improved tread life, excellent self-cleaning and smooth driving experience in off road conditions.



OFF ROAD CONSTRUCTION



HARD SURFACE



SCRAP HANDLING

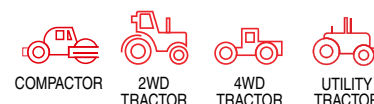


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		Speed Symbol	bar psi	5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
8.25-20NHS	7	236	992	480	3088	14	122B	6.9	2100	1755	1695	1665	1650		1590	1530	1500
		9.3	39.1	18.9	121.6		100	4630	3870	3740	3670	3640		3510	3370	3310	
9.00-20NHS	7	259	1038	487	3187	14	140B	6.9	3500	2925	2825	2775	2750	—	2650	2550	2500
		10.2	40.9	19.2	125.5		100	7715	6450	6230	6120	6060	—	5840	5620	5510	
10.00-20 NHS	7.5	275	1070	493	3230	16	148B	7.5	6300	4410	3685	3560	3495	3465	3340	3215	3150
		10.8	42.1	19.4	127.2		109	13880	9720	8125	7850	7705	7640	7365	7085	6950	
11.00-20NHS	8	293	1104	513	3352	16	149B	7.2	4550	3800	3675	3605	3575	—	3445	3315	3250
		11.5	43.5	20.2	132		105	10030	8375	8100	7945	7880	—	7595	7310	7165	

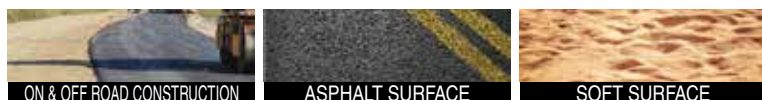
Paver and Compactor



329 R-3



The Alliance 329 is a diamond tread design tire built with a strong nylon construction. Its wide and extended tread protects shoulders and sidewalls against cutting and side snagging. The special cut and chip resistant compound, heat resistant compound and the tire's strong nylon construction provide long life to the tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		SW	OD					Not high and sustained torque; Road transport					Field operation			
													Low Torque		High Torque	
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6
14.9-24	W13 W12	394 15.5	1241 48.9	569 22.4	3698 145.6	6	1.4	3570	2330	1720	1660	1550	1410	2170	1860	1660
						123A8	20	7860	5130	3790	3660	3410	3110	4780	4100	3660
						8	1.8	4140	2700	2000	1930	1800	1640	2520	2160	1930
						128A8	26	9120	5950	4410	4250	3960	3610	5550	4760	4250
16.9-24	W15L	442 17.4	1309 51.5	579 22.8	3814 150.2	8	1.7	4740	3090	2290	2200	2060	1870	2880	2470	2200
						133A8	25	10440	6810	5040	4850	4540	4120	6340	5440	4850
18.4-26	W16L DW16 W15L	480 18.9	1426 56.1	645 25.4	4213 165.9	6	1.1	4600	3000	2220	2140	2000	1820	2800	2400	2140
						132A8	16	10130	6610	4890	4710	4410	4010	6170	5290	4710
						10	1.8	6100	3980	2940	2840	2650	2410	3710	3180	2840
						142A8	26	13440	8770	6480	6260	5840	5310	8170	7000	6260
						12	2.3	6900	4500	3330	3210	3000	2730	4200	3600	3210
						146A8	33	15200	9910	7330	7070	6610	6010	9250	7930	7070
23.1-26	DW20	587 23.1	1580 62.2	697 27.4	4600 181.1	10	1.4	7480	4880	3610	3480	3250	2960	4550	3900	3480
						149A8	20	16480	10750	7950	7670	7160	6520	10020	8590	7670
						12	1.7	8400	5480	4050	3910	3650	3320	5110	4380	3910
						153A8	25	18500	12070	8920	8610	8040	7310	11260	9650	8610
						16	2.3	10060	6560	4860	4680	4375	3980	6130	5250	4680
						159A8	33	22160	14450	10700	10310	9640	8770	13500	11560	10310

329 COMPACTOR & TRACTOR

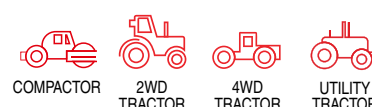
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		SW	OD					Not high and sustained torque; Road transport						Field operation			
														Low Torque		High Torque	
								mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25
28L-26	DW25A	714	1590	702	4627	16	2	10350	6750	5000	4820	4500	4100	6300	5400	4820	
		28.1	62.6	27.6	182.2	160A8	29	22800	14870	11010	10620	9910	9030	13880	11890	10620	
13.6-28	W12 w11	345 13.6	1311 51.6	610 24	3942 155.2	6	1.6	3340	2180	1610	1550	1450	1320	2030	1740	1550	
						121 A8	23	7360	4800	3550	3410	3190	2910	4470	3830	3410	
						8	2	3910	2550	1890	1820	1700	1550	2380	2040	1820	
						126A8	29	8610	5620	4160	4010	3740	3410	5240	4490	4010	

329 I-2 COMPACTOR & IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
									Free rolling				Drive Wheel				
									mm in	mm in	mm in	mm in	10 6	25 16	40 25	50 31	10 6
13.50-16.1SL	W11C	353 13.9	1021 40.2	450 17.7	2970 116.9	10	136A8		2.8 41	3140 6920	2670 5880	2240 4930	2020 4450	2170 4780	1840 4050	1550 3410	1400 3080
							132 B										
							123A8										
							120 B										
							138A8										
						12	134 B	3 44	3300 7270	2810 6190	2360 5200	2120 4670	2310 5090	1960 4320	1650 3630	1490 3280	
							125A8										
							122 B										

330 R-3 C+C

CUT & CHIP
RESISTANT
COMPOUND



The Alliance 330 Drive Wheel is a multi-purpose tire designed to provide high load capacity, significant traction and smooth ride comfort. It is suitable for on-the-road, industrial and road construction equipment. The strong nylon construction, rugged design, and ozone resistant compounds provide long tread life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque; Road transport						Field operation			
														Low Torque		High Torque	
mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6			
23.1-26	DW20	587 23.1	1580 62.2	697 27.4	4600 181.1	8	1.1	6670	4350	3220	3100	2900	2640	4060	3480	3100	
						145A8	16	14690	9580	7090	6830	6390	5810	8940	7670	6830	
						12	1.7	8400	5480	4050	3910	3650	3320	5110	4380	3910	
						153A8	25	18500	12070	8920	8610	8040	7310	11260	9650	8610	
						16	2.3	10060	6560	4860	4680	4375	3980	6130	5250	4680	
						159A8	33	22160	14450	10700	10310	9640	8770	13500	11560	10310	
28L-26	DW25A	714 28.1	1590 62.6	702 27.6	4661 183.5	12	1.4	8630	5630	4160	4010	3750	3410	5250	4500	4010	
						154A8	20	19010	12400	9160	8830	8260	7510	11560	9910	8830	
						16	2	10350	6750	5000	4820	4500	4100	6300	5400	4820	
						160A8	29	22800	14870	11010	10620	9910	9030	13880	11890	10620	
650/75R32	W21	628	1765	800	5135	160A8	1.6	10350	6750	4995	4815	4500	4500	—	—	—	
		24.7	69.5	31.5	202.2	160B	23	22820	14880	11010	10620	9920	9920	—	—	—	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)					
								Speed, km/h (mph)					
		SW	OD					Industrial Tractor					
		mm in	mm in					mm in	mm in	Speed Symbol	Bar psi	Static	10 6
800/60R32 (30.5LR32)	DW27	775	1794	796.2	5323	165A8/165B	1.6	14880	6900	5665	5510	5150	5150
		30.5	70.6	31.3	209.6		23	32810	15210	12490	12150	11350	11350

330 COMPACTOR & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				Free Rolling					Drive Wheel							
		mm in	mm in	mm in	mm in	Static	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31		
23.1-26	DW20	587 23.1	1580 62.2	697 27.4	4600 181.1	12	1.7	12020	6530	5540	5225	4750	5940	5040	4750	4320
						162A8	25	26480	14380	12200	11510	10460	13080	11100	10460	9520
						16	2.3	14170	7700	6530	6160	5610	7000	5940	5600	5100
						168A8	33	31210	16960	14380	13570	12360	15420	13080	12330	11230
						18	2.6	15180	8250	7000	6600	6010	7500	6360	6000	5460
						170A8	38	33440	18170	15420	14540	13240	16520	14010	13220	12030
28L-26	DW25A	714 28.1	1590 62.6	702 27.6	4661 183.5	12	1.6	13790	7490	6350	5995	5460	6810	5780	5450	4960
						167A8	23	30370	16500	13990	13200	12030	15000	12730	12000	10930
						16	2.2	16450	8940	7580	7150	6510	8130	6890	6500	5920
						173A8	32	36230	19690	16700	15750	14340	17910	15180	14320	13040

* Available in OD = 61 (1550 mm) defined as B-61.

Lawn, Garden and Turf.



221 HF-2

FLOTATION



Alliance 221 Grassland Flotation (High Flotation) tire improves mobility of utility vehicles and agricultural implements and can replace dual tire configurations. The tire has high load capacity with reduced inflation and rolling resistance. The large footprint of the tire minimizes damage to the field and crops. The nylon carcass and special ozone resistant compound ensures longer tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/ Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
									Mixed application							
				mm in	mm in		mm in	mm in	Load index speed Sym	bar psi	10 6	20 12	25 16	30 19	35 22	40 25
31x15.50-15 NHS	13LB	391	792	353	2319	6	109 A8	2.1	1460	1330	1260	1190	1120	1070	1020	975
		15.4	31.2	13.9	91.3		107 B	30	3220	2930	2780	2620	2470	2360	2250	2150
		8	118A8	3.1	1880	1700	1610	1530	1440	1380	1310	1250				
			116 B	45	4140	3740	3550	3370	3170	3040	2890	2750				
33x15.5-15	13	390	875	375	2530	8	124B	3.1	2430	2200	2090	1975	1860	1780	1700	1620
		15.4	34.4	14.8	99.6		45	5357	4850	4605	4355	4100	3925	3745	3570	
450/55-17 NHS	16	440	925	413	2711	8	132 A8	2.5	2780	2520	2390	2260	2130	2000	1940	1850
		17.3	36.4	16.3	106.7		129 B	36	6120	5550	5260	4980	4690	4410	4270	4070

221 IMPLEMENT RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
								Mixed application							
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40
425/55R17	13	420	890	399	2656	137D	3.5	5290	4140	3630	3470	3130	2780	2460	2300
		16.5	35	15.7	104.6	140A8	51	11650	9120	8000	7640	6890	6120	5420	5070
440/50R17	14	441	880	394	2675	135D	3.6	5010	3920	3440	3290	2960	2640	2330	2180
		17.4	34.6	15.5	105.3		52	11040	8630	7580	7250	6520	5810	5130	4800
500/55R20	16x20	505	1055	455	3250	160B	4.2	8560	6700	5880	5620	5060	4500	3980	3720
		19.9	41.5	17.9	127.9		61	18850	14760	12950	12380	11150	9910	8770	8190

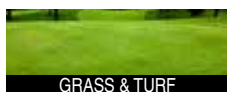
322 HF-1

FLOTATION



2WD
TRACTOR

Alliance 322 tread pattern provides extremely gentle operation of golf carts, turf equipment and lawn mowers. The high void to rubber ratio enables long tread life, large footprint, as well as low and uniform ground pressure. Low tread depth and unique shoulder design minimize turf damage on hills and during sharp turns. The large footprint allows more tread on the ground and keeps the machine/equipment from sinking in while crossing wet or soft ground. The 322 tread pattern also provides smooth operation on hard surfaces.



GRASS & TURF



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)				
		Speed, km/h (mph)											
		Mixed application											
		mm in	mm in				mm in	mm in	Load index	bar psi	static	10 5	15 10
mm in	mm in	mm in	mm in	speed Sym									
33x16LL-16.1	14	427	851	386	2520	10	127B	2.75	3780	2770	2310	1960	1750
		16.8	33.5	15.2	99.2			40	8330	6100	5090	4320	3850
41x14.00-20 NHS	11	381 15	1092 43	493 19.4	3224 126.9	4	120B	1.7	3020	2210	1850	1570	1400
								25	6650	4870	4070	3460	3080
						6	127B	2.5	3780	2770	2310	1960	1750
								36	8330	6100	5090	4320	3850
44x18.00-20 NHS	14	457	1143	514	3366	6	136A8	2.1	4210	3080	2570	2180	1950
		18	45	20.2	132.5		132B	30	9270	6780	5660	4800	4300

332 HF-3

FLOTATION



TRAILER

Alliance 332 is a high flotation tire which improves mobility of utility vehicles and agricultural implements. It can be used to replace dual configuration tires. The tire is engineered for high load carrying capacity with reduced inflation and rolling resistance. The large footprint minimizes damage to the field and crops. A nylon carcass and special ozone resistant compound ensure longer tire life.



GRASS & TURF



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)														
		Mixed application														
		SW mm in	OD mm in						mm in	mm in	10 6	20 12	25 16	30 19	35 22	40 25
31x15.50-15 NHS Normalized tire dimensions	13LB	391 15.4	792 31.2	353 13.9	2319 91.3	4	100 A8	1.4	1160	1050	1000	950	890	850	810	775
							99 B	20	2560	2310	2200	2090	1960	1870	1780	1710
						6	109 A8	2.1	1460	1330	1260	1190	1120	1070	1020	975
							107 B	30	3220	2930	2780	2620	2470	2360	2250	2150
						8	118A8	3.1	1880	1700	1610	1530	1440	1380	1310	1250
							116 B	45	4140	3740	3550	3370	3170	3040	2890	2750
						10	-----UNDER DEVELOPMENT-----									

MATERIAL HANDLING

Tire Patterns by Segments

Radial Earthmover

650

TRACTION

ROADABILITY

TIRE LIFE

E-3/G-3/L-3

C+C **AS**
CUT&CHIP RESISTANT COMPOUND ALL STEEL

Pg.No.166

690

TRACTION

ROADABILITY

TIRE LIFE

E-3/G-3/L-3

C+C **AS**
CUT&CHIP RESISTANT COMPOUND ALL STEEL

Pg.No.166

655

TRACTION

ROADABILITY

TIRE LIFE

G-2/L-2

SC **AS**
SPECIAL COMPOUND ALL STEEL

Pg.No.167

600

TRACTION

ROADABILITY

TIRE LIFE

E-2/L-2/G-2

HRC **AS**
HEAT RESISTANT COMPOUND ALL STEEL

Pg.No.168

Bias Earthmover

308

TRACTION

LOAD CARRYING CAPACITY

GROUND STABILITY

G-2/L-2

Pg.No.169

302

TRACTION

LOAD CARRYING CAPACITY

GROUND STABILITY

E-2/L-2/G-2

Pg.No.170

307

TRACTION

LOAD CARRYING CAPACITY

GROUND STABILITY

G-2/L-2

C+C
CUT&CHIP RESISTANT COMPOUND

Pg.No.171

AL 318

TRACTION

DUTY CYCLE

GROUND STABILITY

E-3/L-3

SC **HRC**
SPECIAL COMPOUND HEAT RESISTANT COMPOUND

Pg.No.171

310

TRACTION

ROADABILITY

TIRE LIFE

E-3/L-3/G-3

SC
SPECIAL COMPOUND

Pg.No.173

210 SUPER TRANSPORT LUG

TRACTION

ROADABILITY

TIRE LIFE

E-2/L-2

SC
SPECIAL COMPOUND

Pg.No.174

Port

505

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

IND-3

SC **AS**
SPECIAL COMPOUND ALL STEEL

Pg.No.176

309

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

E-3

SC
SPECIAL COMPOUND

Pg.No.176

315 PORT STAR PLUS

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

IND-4.5

HRC **WRC** **SC**
HEAT RESISTANT COMPOUND WEAR RESISTANT COMPOUND SPECIAL COMPOUND

Pg.No.176

AL 318

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

IND-4

HRC **SC**
HEAT RESISTANT COMPOUND SPECIAL COMPOUND

Pg.No.177

609

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

IND-4

AS **SC**
ALL STEEL SPECIAL COMPOUND

Pg.No.177

610

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

IND-4

AS **SC**
ALL STEEL SPECIAL COMPOUND

Pg.No.177

Forklift

MH-504

DRIVING COMFORT

TIRE LIFE

TRACTION

DUTY CYCLE

IND-1

C+C **WRC**
CUT&CHIP RESISTANT COMPOUND WEAR RESISTANT COMPOUND

Pg.No.178

Tire Patterns by Segments

Mobile Crane

630



ROADABILITY

TIRE LIFE

TRACTION

SC

AS

SPECIAL COMPOUND

ALL STEEL

E-3

Pg.No.179

636



TRACTION

TIRE LIFE

ROADABILITY

HRC

C+C

SC

AS

HEAT RESISTANT COMPOUND

CUT&CHP RESISTANT COMPOUND

SPECIAL COMPOUND

ALL STEEL

E-2

Pg.No.179

639



TRACTION

TIRE LIFE

ROADABILITY

HRC

C+C

SC

AS

HEAT RESISTANT COMPOUND

CUT&CHP RESISTANT COMPOUND

SPECIAL COMPOUND

ALL STEEL

E-2

Pg.No.179

UGM

314 MINE SERVICE



TIRE LIFE

DUTY CYCLE

GROUND STABILITY

SC

WRC

SPECIAL COMPOUND

WEAR RESISTANT COMPOUND

L-5S

Pg.No.182

163

NOTES

Earth Mover



RADIAL EARTH MOVER

650

E-3/G-3/L-3

C+C

CUT & CHIP
RESISTANT
COMPOUND

AS

ALL STEEL



Alliance 650 has a well proven tread pattern that enables its use for a wide range of applications on different kinds of mobile construction equipment. It's all steel construction ensures higher productivity with lower downtime.



OFF ROAD SURFACE MINING

650 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
				Speed, km/h (mph)				Speed, km/h (mph)								
				mm in	mm in			mm in	mm in	bar psi	Static		5 3	10 6	25 16	bar psi
15.5R25	12.00/1.3	395	1277	563	3858	**	5.75	11360	8020	7100	6040	6.9	12780	10300	9590	8880
L-3/E3		15.6	50.3	22.2	151.9	176A2	83	25040	17680	15650	13320	100	28180	22710	21140	19580
20.5R25	17.00/2.0 17.00/1.7	536	1500	665	4380	**	5.75	18400	13000	11500	9780	6.9	20700	16680	15530	14380
L-3/E3		21.1	59.1	26.2	172.4	193A2	83	40570	28660	25350	21560	100	45640	36770	34240	31700
23.5R25	19.50/2.5	615	1618	719	4730	**	5.75	23200	16390	14500	12330	6.9	26100	21030	19580	18130
L-3/E3		24.2	63.7	28.3	186.2	201A2	83	51150	36130	31970	27180	100	57540	46360	43170	39970
26.5R25	22.00/3.0	695	1738	779	5110	**	5.75	29600	20910	18500	15730	6.9	33300	26830	24980	23130
L-3/E3		27.4	68.4	30.7	201.2	209A2	83	65260	46100	40790	34680	100	73410	59150	55070	50990

650 TRANSPORT AND GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		bar psi	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
15.5R25	12.00/1.3	395	1277	563	3858	**	4.5	5040	4950	4860	4770	4680	4640	4590	4500	4370
E3/G3		15.6	50.3	22.2	151.9	176A2 160B	65	11110	10910	10710	10520	10320	10230	10120	9920	9630
20.5R25	17.00/2.0	538	1495	708	4550	**	4.5	8180	8030	7880	7740	7590	7520	7450	7300	7080
E3/G3		21.2	58.9	27.9	179.1	177B	65	18030	17700	17370	17060	16730	16580	16420	16090	15610
23.5R25	19.50/2.5	605	1611	732	4780	**	4.5	10360	10180	9990	9810	9620	9530	9440	9250	8970
E3/G3		23.8	63.4	28.8	188.2	185B	65	22840	22440	22020	21630	21210	21010	20810	20390	19780
26.5R25	22.00/3.0					*	3.5	10080	9900	9720	9540	9360	9270	9180	9000	8730
		680	1745	778	5110	184B	51	22220	21830	21430	21030	20640	20440	20240	19840	19250
		26.8	68.7	30.6	201.2	**	4.5	12880	12650	12420	12190	11960	11850	11730	11500	11160
E3/G3					193B	65	28400	27890	27380	26870	26370	26130	25860	25350	24600	

690

E-3/G-3/L-3

C+C

CUT & CHIP
RESISTANT
COMPOUND

AS

ALL STEEL



Alliance 690 is a modern wide-base, all-steel radial tire for all types of earthmoving equipment. Its unique tread design and sophisticated construction enable superior performance and high mileage coupled with smoother rides. The all steel construction ensures low downtime and higher productivity.



OFF ROAD SURFACE MINING

690 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road				Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
								Speed, km/h (mph)				Speed, km/h (mph)				
								mm in	mm in	mm in		mm in	bar psi	Static	5 3	10 6
17.5R25		477	1345	619	3994	**	5.75	13600	9610	8500	7230	6.9	15300	12330	11480	10630
L-3/E3	14.00/1.5	17.6	53	24.4	157.3	182A2	83	29980	21190	18740	15940	100	33730	27180	25310	23440
All Steel																



690 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in			15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
17.5R25	14.00/1.5	477	1345	619	3994	**	4.5	6100	6000	5890	5780	5670	5610	5560	5450	5290
E3/L3		17.6	53	24.4	157.3	167B	65	13450	13230	12990	12740	12500	12370	12260	12020	11660

655

G-2/L-2

C+C

SC

AS

CUT & CHIP
RESISTANT
COMPOUND

SPECIAL
COMPOUND

ALL STEEL



GRADER

WHEEL LOADER

Alliance 655 Multiuse Special Winter tire represents an excellent all-season tire provided with specific, wide, non directional tread pattern which enables good grip on every surface and good self cleaning even in muddy terrains. Its strong steel stress resistant casing reduces punctures. The tire's special rubber compound, aggressive blocks and sipes enable exceptional traction, maneuvering ability and braking on ice and snow as well as on sand and loose terrains. Low motion resistance of the tire significantly decreases vehicle fuel consumption, and the special rubber compound along with strong all-steel carcass enables longevity.



WET SURFACE



MUD & SNOW



655 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
								mm in	mm in	mm in	mm in		bar psi	Static	5 3	10 6
15.5R25	12.00/1.3	400	1274	564	3804	*	4.5	10440	8410	7830	7250	9280	6550	5800	4930	7250
		15.7	50.2	22.2	149.8	169A2	65	23020	18540	17260	15980	20460	14440	12790	10870	15970
17.5R25	14.00/1.5	440	1349	614	4046	176A2	4.5	12780	10300	9590	8880	11360	8020	7100	6040	8880
		17.3	53.1	24.2	159.3		65	28180	22710	21140	19580	25040	17680	15650	13320	19560
20.5R25	17.00/2	522	1496	662	4486	*	4.5	17100	13780	12830	11880	15200	10740	9500	8080	11880
		20.6	58.9	26.1	176.6	186A2	65	37700	30380	28290	26190	33510	23680	20940	17810	26170

655 TRANSPORT AND GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					mm in	mm in	bar psi	15 9	20 12	25 16	30 19	35 22	40 25
14.00R24	10.00VA 9.00/1.5 8.00TG	385	1364	623	4065	153A8	3.75	3650	3650	3650	3650	3650	3650	3500	3320	3140
		15.2	53.7	24.5	160		54	8040	8040	8040	8040	8040	8040	7710	7390	6920
15.5R25	12.00/1.3	400	1274	579	3804	152B	3	3270	3210	3150	3090	3030	3000	2850	2730	-
							44	7200	7070	6940	6810	6670	6610	6280	6010	-
		15.7	50.2	22.8	149.8		3.5	3980	3910	3830	3760	3690	3660	3620	3550	3480
							51	8770	8610	8440	8280	8130	8060	7970	7490	7670
17.5R25	14.00/1.5	440	1349	621	4046	157B	3	3980	3910	3830	3760	3690	3650	3470	3320	-
							44	8770	8610	8440	8280	8130	8040	7640	7310	-
		17.3	53.1	24.4	159.3		3.5	4620	4540	4460	4370	4290	4250	4210	4125	4040
							51	10180	10000	9820	9630	9450	9360	9270	8700	8900
20.5R25	17.00/2	522	1496	688	4486	168B	3	5040	4950	4860	4760	4670	4625	4390	4210	-
							44	11100	10900	10700	10480	10290	10190	9670	9270	-
		20.6	58.9	27.1	176.6		3.5	6270	6160	6050	5940	5820	5770	5710	5600	5490
							51	13810	13570	13330	13080	12820	12710	12580	11810	12090

Highlighted rows indicate grader application

600

E-2/L-2/G-2

HRC

AS

HEAT
RESISTANT
COMPOUND

ALL STEEL



WHEEL LOADER



DOZER



GRADER



ARTICULATED
DUMP TRUCK

Alliance 600 is a modern wide base, all steel radial tire for all types of earthmoving equipment. Its unique tread design and sophisticated construction ensure superior performance coupled with smoother rides and higher productivity.



OFF ROAD SURFACE MINING

600 LOADER DOZER



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road				Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
								Speed, km/h (mph)				Speed, km/h (mph)				
								mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	25 16
15.5R25 L2	12.00/1.3	391	1274	576	3760	*	4.5	9280	6550	5800	4930	5.4	10440	8410	7830	7250
		15.4	50.2	22.7	148	169A2	65	20460	14440	12790	10870	78	23020	18540	17260	15980
17.5R25 L2	14.00/1.5	445	1345	594	3920	*	4.5	11360	8020	7100	6040	5.4	12780	10300	9590	8880
		17.5	53	23.4	154.3	176A2	65	25040	17680	15650	13320	78	28180	22710	21140	19580

600 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					mm in	mm in	bar psi	15 9	20 12	25 16	30 19	35 22	40 25
15.5R25 E2 / G2	12.00/1.3	391	1274	591	3830	*	3.5	3980	3910	3830	3760	3690	3660	3620	3550	3440
		15.4	50	23.3	150.8	152B	51	8770	8620	8440	8290	8140	8070	7980	7830	7580
17.5R25 E2 / G2	14.00/1.5	445	1345	614	4000	157B	3.5	4620	4540	4460	4370	4290	4250	4210	4125	4000
		17.5	53	24.2	157.5		51	10190	10010	9830	9630	9460	9370	9280	9090	8820

BIAS EARTH MOVER

308 G-2/L-2



Alliance 308 is a tire designed for rugged service on front-end loaders. Husky tread bars are sized and angled for maximum traction and specially contoured to resist tearing and chipping. The overlapping lugs ensure smooth rolling on any type of surface and the spacing between lugs provides self-cleaning properties. It is built with ozone and weather-resistant compounds and has a strong nylon construction.



308 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
				mm in	mm in			mm in	mm in	bar psi	Static		5 3	10 6	25 16	bar psi
15.5-25 L-2	12 12SDC	394	1277	564	3720	12	4	8960	6330	5600	4760	4.8	10080	8120	7560	7000
		15.5	50.3	22.2	146.5	168A2	58	19750	13960	12350	9880	70	17900	22220	16670	15430
17.5-25 L-2	14 14SDC	444	1348	599	3940	12	3.5	9840	6950	6150	5230	4.2	11070	8920	8300	7690
		17.5	53.1	23.6	155.1	171A2	51	21690	15320	13560	11530	61	24410	19670	18300	16950
		16	4.75	11680	8250	7300	6210	5.7	13140	10590	9860	9130				
		177A2	69	25750	18190	16090	13690	83	28970	23350	21740	20130				
20.5-25 L-2	17	520	1492	658	4340	16	3.5	13200	9320	8250	7010	4.2	14850	11960	11140	10310
		20.5	58.7	25.9	170.9	181A2	51	29070	20530	18170	15440	61	32710	26340	24540	22710
		20	4.5	15200	10740	9500	8080	5.4	17100	13780	12830	11880				
		186A2	65	33480	23660	20930	17800	78	37670	30350	28260	26170				

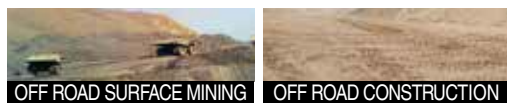
308 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	bar psi	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34	
15.5-25 308 L2 G2	12 12SDC	394 15.5	1277 50.3	564 22.2	3720 146.5	12 149B	2.5 36	3640 8030	3580 7890	3510 7740	3450 7610	3380 7450	3350 7390	3310 7300	3250 7170	- -
17.5-25 308 L2 G2	14 14SDC	444 17.5	1348 53.1	599 23.6	3940 155.1	12	2.25	4090	4020	3940	3870	3800	3760	3720	3650	3540
						153B	33	9020	8860	8690	8530	8380	8290	8200	8050	7800
						16	3	4760	4680	4590	4510	4420	4380	4340	4250	4120
20.5-25 308 L2 G2	17	520 20.5	1492 58.7	658 25.9	4340 170.9	158B	44	10490	10320	10120	9940	9740	9660	9570	9370	9080
						16	2.75	6100	6000	5890	5780	5670	5610	5560	5450	5290
						167B	40	13450	13230	12990	12740	12500	12370	12260	12020	11660
						20	3.25	6720	6600	6480	6360	6240	6180	6120	6000	5820
						170B	47	14820	14550	14290	14020	13760	13630	13490	13230	12830

302 E-2/L-2/G-2



Alliance 302 is a heavy duty implement tire for industrial application and for all types of hard services. It has good self-cleaning ability, as well as high traction, which makes this tread design suitable for all kinds of off road services. Its strong nylon carcass ensures full power transmission as well as good resistance to mechanical tire failures.



302 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces						
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)						
								Speed, km/h (mph)				Speed, km/h (mph)						
								bar psi	Static	5 3		10 6	25 16	bar psi	Static	5 3	10 6	25 16
15.5-25 L2	12 12SDC	394 15.5	1277 50.3	564 22.2	3720 146.5	12 168A2	4 58	8960 19750	6330 13960	5600 12350	4760 10490	4.8 70	10080 22220	8120 17900	7560 16670	7000 15430		

302 TRACTOR HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
				Free rolling												
					10 6				25 16	40 25	50 31	25 16	40 25	50 31		
16.5/85-28							159A6									
	W13L	417	1423	626	4133	10	156A8	2.3	5640	4990	4375	3940	3510	3075	2770	
	W14L	16.4	56	24.6	162.7		147A6	33	12430	11000	9650	8690	7740	6780	6110	
	W15L						144A8									

302 TRACTOR HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Industrial Use				Agricultural Use					
							Infl. press	Recommended load, kg (lbs) Speed, km/h (mph)				Infl. press	Recommended load, kg (lbs) Speed, km/h (mph)			
		Constant load						Cyclic Application		Field			Road Transport			
		SW	OD					mm in	mm in	mm in	mm in		bar psi	20 12	40 25	20 12
14.9-28	W13	378	1343	606	3962	12	3.1	3430	3150	3870	3150	2.7	2530	3160	2360	2150
	W12	378	1343	606	3962	148A8	45	7560	6950	8530	6950	39	5580	6970	5200	4740
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	12	2.6	3870	3550	4370	3550	2.4	2920	3650	2725	2480
						152A8	38	8530	7830	9630	7830	44	9300	8540	10520	8540
						14	3	4220	3875	4770	3875	2.8	3210	4020	3000	2730
						155A8	35	6440	8050	6010	5470	41	7080	8860	6610	6020

302 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)													
		SW	OD					Speed, km/h (mph)													
								mm in	mm in	mm in	mm in	bar psi	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
15.5-25 E2	12SDC	394 15.5	1227 50.3	564 22.2	3720 146.5	8	1.75	2880	2830	2780	2730	2680	2650	2630	2575	2500					
						141B	25	6340	6230	6120	6010	5900	5840	5790	5670	5510					
						10	2.25	3360	3300	3240	3180	3120	3090	3060	3000	2910					
						146B	33	7400	7270	7140	7000	6870	6810	6740	6610	6410					
						12	2.5	3640	3580	3510	3450	3380	3350	3320	3250	3150					
						149B	36	8020	7890	7730	7600	7440	7380	7310	7160	6940					
						14	2.75	3980	3910	3830	3760	3690	3660	3620	3550	3440					
						152B	40	8770	8610	8440	8280	8130	8060	7970	7820	7580					

307

G-2/L-2



CUT & CHIP
RESISTANT
COMPOUND



GRADER



WHEEL LOADER



TELEHANDLER

Alliance 307 is a pattern developed for Grader-Loader applications. The design provides optimal traction and cut resistance and also enables the tire to have excellent self cleaning characteristics and long life.



OFF ROAD SURFACE MINING



OFF ROAD CONSTRUCTION



SIZE	PR	RIM	TYPE	O.D.	SW	SLR	RC	Recommended Load Capacity (For Grader)		Recommended Load Capacity (For Loader/Dozer / Tele-handler)	
				mm in	mm in	mm in	mm in	Inflation Pressure	40 Km/h	Inflation Pressure	10 Km/h
14.00-24	12	8.00TG	TL	1338	360	607	3910	2.5	3075	4.25	6300
				52.7	14.2	23.9	153.9	36	6800	62	13900
	16	8.00TG	TL	1338	360	607	3910	3.5	3650	5.5	7300
				52.7	14.2	23.9	153.9	51	8050	80	16100
13.00-24	12	8.00TG	TL	1270	330	579	3728	300	2725	4.5	5600
				50	13	22.8	146.8	44	6000	65	12300
15.5-25	12	12	TL	1278	390	584	3763	250	2650	400	5600
				50.3	15.4	23	148.2	36	5840	58	12300
17.5-25	16	14	TL	1347	440	597	3940	275	3350	475	7300
				53	17.3	23.5	155.1	40	7400	69	16100
20.5-25	16	17.00	TL	1493	518	674	4445	225	4000	350	8250
				58.8	20.4	26.5	175	33	8800	51	18200

AL 318

E-3/L-3



HEAT
RESISTANT
COMPOUND



SPECIAL
COMPOUND



RIGID DUMP
TRUCK



RUBBER TIRE
GANTRY



WATER
SPRINKLER



ARTICULATED
DUMP TRUCK



DOZER



WHEEL
LOADER

Alliance AL 318 Loader Dozer is a massive heavy-duty tire that provides better gripping in construction, mining, logging and rock service jobs. It has an all-round centre tread belt which makes it a tough tire. This tubeless tire made of nylon construction has extra wide lugs providing superior traction and long mileage. It is a non-directional tire built with a special compound that resists cuts, chipping and wear.



OFF ROAD SURFACE MINING



OFF ROAD CONSTRUCTION



HARD IMPROVED SURFACE



318 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road				Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
								Speed, km/h (mph)				Speed, km/h (mph)				
								mm in	mm in	mm in		mm in	Static	5 3	10 6	25 16
17.5-25 L-3	14SDC	444 17.5	1348 53.1	599 23.6	3940 155.1	12	3.5	9840	6950	6150	5230	4.2	11070	8920	8300	7690
						171A2	51	21690	15320	13560	11530	61	24380	19650	18280	16940
						16	4.75	11680	8250	7300	6210	5.7	13140	10590	9860	9130
						177A2	69	25750	18190	16090	13690	83	28940	23330	21720	20110
18.00-25 L-3	13	498 19.6	1617 63.7	726 28.6	4760 187.4	40	9.5	27200	-	17000	14450	11.4	30600	24650	22950	21250
						206A2	138	59970	-	37480	31860	165	67400	54300	50550	46810
20.5-25 L-3	17	520 20.5	1492 58.7	658 25.9	4340 170.9	16	3.5	13200	9320	8250	7010	4.2	14850	11960	11140	10310
						181A2	51	29100	20550	18190	15450	61	32710	26340	24540	22710
						20	4.5	15200	10740	9500	8080	5.4	17100	13780	12830	11880
						186A2	65	33510	23680	20940	17810	78	37670	30350	28260	26170
23.5-25 L-3	19.5	597 23.5	1617 63.7	716 28.2	4720 185.8	20	3.75	17440	12320	10900	9270	4.5	19620	15810	14720	13630
						191A2	54	38450	27160	24030	20440	65	43220	34820	32420	30020
26.5-25 L-3	22.00/3.0	673 26.5	1750 68.9	770 30.3	5080 200	20	3.5	21120	14920	13200	11220	4.2	23760	19140	17820	16500
						198A2	51	46560	32890	29100	24740	61	52330	42160	39250	36340
						24	4	22400	15820	14000	11900	4.8	25200	20300	18900	17500
						200A2	58	49380	34880	30870	26240	70	55510	44710	41630	38550
						28	4.75	24800	17520	15500	13180	5.7	27900	22480	20930	19380
						203A2	69	54680	38630	34170	29060	83	61450	49520	46100	42690

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
								mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	25 16
29.5-25 L-3	25.00/3.5					22	3.25	24000	16950	15000	12750	3.9	27000	21750	20250	18750
		750	1873	819	5420	202A2	47	52910	37370	33070	28110	57	59470	47910	44600	41300
		29.5	73.7	32.2	213.4	32	5	30400	21470	19000	16150	6	34200	27550	25650	23750
						210A2	73	67020	47330	41890	35610	87	75330	60680	56500	52310

318 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in			15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
17.5-25 E-3	14 14SDC	444 17.5	1348 53.1	599 23.6	3940 155.1	12	2.25	4090	4020	3940	3870	3800	3760	3720	3650	3540
						153B	33	9020	8860	8690	8530	8380	8290	8200	8050	7800
						16	3	4760	4680	4590	4510	4420	4380	4340	4250	4120
18.00-25 E-3	13	498 19.6	1617 63.7	726 28.6	4760 187.4	158B	44	10490	10320	10120	9940	9740	9660	9570	9370	9080
						40	7	10920	10730	10530	10340	10140	10040	9950	9750	9460
						187B	102	24070	23660	23220	22800	22360	22130	21940	21500	20860
20.5-25 E-3	17	520 20.5	1492 58.7	658 25.9	4340 170.9	16	2.75	6100	6000	5890	5780	5670	5610	5560	5450	5290
						167B	40	13450	13230	12990	12740	12500	12370	12260	12020	11660
						20	3.25	6720	6600	6480	6360	6240	6180	6120	6000	5820
23.5-25 E-3	19.5	597 23.5	1617	716 28.2	4720 185.8	170B	47	14820	14550	14290	14020	13760	13630	13490	13230	12830
						16	2.25	6890	6770	6640	6520	6400	6330	6270	6150	5970
						171B	33	15190	14930	14640	14370	14110	13960	13820	13560	13160
26.5-25 E-3	22.00/3.0	673 26.5	1750 68.9	770 30.3	5080 200	20	3	8180	8030	7880	7740	7590	7520	7450	7300	7080
						177B	44	18030	17700	17370	17060	16730	16580	16420	16090	15610
						20	2.5	9240	9080	8910	8750	8580	8500	8420	8250	8000
						181B	36	20370	20020	19640	19290	18920	18740	18560	18190	17640
						24	3	10360	10180	9990	9810	9620	9530	9440	9250	8970
						185B	44	22840	22440	22020	21630	21210	21010	20810	20390	19780
29.5-25 E-3	25.00/3.5	750 29.5	1873 73.7	819 32.2	5420 213.4	28	3.5	11200	11000	10800	10600	10400	10300	10200	10000	9700
						188B	51	24690	24250	23810	23370	22930	22710	22490	22050	21390
						22	2.5	11200	11000	10800	10600	10400	10300	10200	10000	9700
						185B	36	24690	24250	23810	23370	22930	22710	22490	22050	21390
						32	3.75	14370	14090	13810	13540	13270	13010	12750	12500	12130
						196B	54	31680	31060	30450	29850	29260	28680	28110	27560	26740

310 E-3/L-3/G-3



Alliance 310 pattern is constructed for heavy-duty jobs. The tough tread design ensures high mileage even on the most abrasive surfaces. This is a directional tire built with weather and ozone-resistant compounds. Its nylon construction gives it long life.



310 GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					mm in	mm in	Speed Symb.	bar psi	15 9	20 12	25 16	30 19	35 22
16.00-24TG G-3 TG	10.00VA	432 17	1493 58.8	685 27	4450 175.2	12	2.25	3980	3910	3830	3760	3690	3650	3580	3540	—
						153A8	33	8770	8620	8440	8290	8140	8050	7890	7800	—
						20	3.75	5610	5510	5410	5300	5200	5150	5050	5000	—
						165A8	54	12370	12150	11930	11680	11460	11350	11130	11020	—

310 DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
								mm in	mm in	mm in	mm in		bar psi	Static	5 3	10 6
16.00-24 L-3	11.25	432 17	1493 58.8	685 27	4450 175.2	20	5.5	15600	11020	9750	8290	6.6	17550	14140	13160	12190
						187A2	80	34390	24300	21500	18280	96	38690	31170	29010	26870
						24	6.5	16960	11980	10600	9010	7.8	19080	15370	14310	13250
						190A2	94	37390	26410	23370	19860	113	42060	33890	31550	29210
16.00-25 L-3	11.25	432 17	1493 58.8	686 27	4460 175.6	28	7.5	18400	13000	11500	9780	9	20700	16680	15530	14380
						193A2	109	40570	28660	25350	21560	131	45640	36770	34240	31700
						32	8.75	20000	14130	12500	10630	10.5	22500	18130	16880	15630
						196A2	127	44090	31150	27560	23440	152	49600	39970	37210	34460

310 TRANSPORT / RDT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
16.00-25 E-3	11.25					28	5.75	7500	7370	7240	7100	6970	6900	6830	6700	6500
						174B	83	16540	16250	15960	15650	15370	15210	15060	14770	14330
						32	6.5	8180	8030	7880	7740	7590	7520	7450	7300	7080
						177B	94	18030	17700	17370	17060	16730	16580	16420	16090	15610

210 SUPER TRANSPORT LUG

E-2/L-2



SPECIAL
COMPOUND



HIGH SPEED
MOBILE CRANE



RIGID DUMP
TRUCK



FORKLIFT

Alliance 210 Super Transport Lug tire is engineered to carry heavy loads on all types of surfaces such as sand, rock, mud, snow, etc. Its special tread design provides good traction and high mileage. The cap and base tread construction coupled with a strong nylon carcass ensures smooth running and long tire life.



OFF ROAD SURFACE MINING



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circm.	PR LI/LS	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in				bar psi	15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50
11.00-20 EM	8 8.00V 8.0V5° 8.5 8.50V 8.5V5°	293 11.5	1104 43.5	516 20.3	3355 132.1	D									
						16	7.2 104	4790 10560	4350 9590	3630 8000	3340 7360	3250 7170	3190 7030	3050 6720	2900 6390
						150F									
						S									
						16	7.9 115	5530 12190	5030 11090	4190 9240	3850 8490	3750 8270	3690 8140	3520 7760	3350 7390
						150F									
12.00-20 EM	8.5 8.50V 8.5V5° 9 9.00V 9.0V5°	315 12.4	1145 45.1	534 21	3514 138.4	D									
						16	6.6 96	5200 11460	4730 10430	3940 8690	3620 7980	3530 7780	3470 7650	3310 7300	3150 6950
						152F									
						S									
						16	7.2 104	5860 12920	5330 11750	4440 9790	4080 9000	3980 8770	3910 8620	3730 8220	3550 7830
						152F									
						D									
						18	7.2 104	5530 12190	5030 11090	4190 9240	3850 8490	3750 8270	3690 8140	3520 7760	3350 7390
						154F									
						S									
						18	7.9 115	6190 13650	5630 12410	4690 10340	4310 9500	4200 9260	4130 9110	3940 8690	3750 8270
						154F									
12.00-24 EM	8.5 8.50V 8.5V5° 9 9.00V 9.0V5°	315 12.4	1247 49.1	585 23	3355 132.1	D									
						20	7.6 110	5810 12810	5280 11640	4400 9700	4050 8930	3940 8690	3870 8530	3700 8160	3520 7760
						156F									
						S									
						20	8.3 120	6600 14550	6000 13230	5000 11020	4600 10140	4480 9880	4400 9700	4200 9260	4000 8820
						156F									
12.00-24 EM	8.5 8.50V 8.5V5° 9 9.00V 9.0V5°	315 12.4	1247 49.1	585 23	3355 132.1	D									
						20	7.9 115	6600 14550	6000 13230	5000 11020	4600 10140	4480 9880	4400 9700	4200 9260	4000 8820
						160F									
						S									
12.00-24 EM	8.5 8.50V 8.5V5° 9 9.00V 9.0V5°	315 12.4	1247 49.1	585 23	3355 132.1	20	8.6 125	7430 16380	6750 14880	5630 12410	5180 11420	5040 11110	4950 10910	4730 10430	4500 9920
						160F									

Port and Mobile Cranes



PORT

505

IND-3

SC

AS

SPECIAL COMPOUND

ALL STEEL



TERMINAL TRACTOR

Alliance 505 is a specially designed tire for terminal tractor operations at ports and terminals. The tire has deep treads that provide long service life and is suitable for operating on all types of wheel positions, drive and steering axles. Unique tread design and special rubber compound ensure a low wear rate. An all-steel construction gives excellent casing durability and protects the tire from external damages, while allowing high speeds with high loads.



HARD IMPROVED SURFACE



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD Tread Depth	Load Index Speed Symb.	Speed	For all axles								
		SW	OD						Inflation Pressure bar (psi)								
		mm in	mm in						mm in	mm in	mm 1/32in	km/h mph	6 87	6.5 94	7 102	7.5 109	8 116
280/75R22.5								25	4230	4500	4770	5030	5290	5550	5800	6050	6300
	7.5	275	996	451	3043	31	172A5	16	9320	9910	10510	11080	11650	12220	12780	13330	13880
	8.25	10.8	39	17.8	119.8	39.1	168A8	40	3770	4010	4250	4480	4710	4940	5160	5380	5600
								25	8300	8830	9360	9870	10370	10880	11370	11850	12330

309

E-3

SC

HRC

WRC

SPECIAL COMPOUND

HEAT RESISTANT COMPOUND

WEAR RESISTANT COMPOUND



CONTAINER HANDLER HEAVY DUTY FORKLIFT

Alliance Portstar 309 is designed especially for heavy duty forklift trucks and container handlers operating on hard improved surfaces. Its unique tread design and special rubber compound provide long tread life. The heavy duty nylon construction protects the sidewalls against damage and ensures long tire life.



HARD IMPROVED SURFACE



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Load Capacity for Industrial (Harbour) applications				
		SW	OD						Speed km/h (mph)				
									Static	1 1	5 3	10 6	25 16
14.00-24	10	375	1368	630	4100	28	196A5	10	18000	16000	14500	13500	12500
		14.8	53.9	24.8	161.4				39680	35270	31970	29760	27560

315 PORT STAR PLUS

IND-4.5

SC

HRC

WRC

SPECIAL COMPOUND

HEAT RESISTANT COMPOUND

WEAR RESISTANT COMPOUND



REACH STACKER

The Alliance 315 Port Star Plus is designed for port applications and is engineered with extra deep tread which is the highest in the segment. The robust nylon casing and high number of plies ensure high lateral stability and high load carrying capacity. The high ground contact area ensures that the pressure on ground is much lesser than maximum permissible pressure thus resulting in long tire life and uniform wear. A strong bead bundle of the tire results in minimizing bead failure. The specially formulated tread compound and higher insulation between the plies aid in lesser heat generation thus extending the life of the tire.



HARD IMPROVED SURFACE



()Size	Rim Width in	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Load Capacity for Industrial (Harbour) applications					
							Infl. Pressure	Speed km/h (mph)				
		SW	OD					Static	1 1	5 3	10 6	25 16
		mm in	mm in									
							bar/(psi)					
18.00-25 E 4.5	13	498	1673	762	4952	40	10	31500	28000	25400	23600	21900
		19.6	65.9	30	195		145	69446	61729	55997	52029	48281

AL 318

IND-4



SPECIAL
COMPOUND



HEAT
RESISTANT
COMPOUND



RUBBER TIRE
GANTRY

Alliance AL 318 is designed for port use (paved surface). This tire is designed especially for Rubber Tire Gantry. High tread to void ratio and larger tread width provides very high ground contact area for good traction on paved surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Load Capacity for Industrial (Harbour) applications				
		SW	OD						Speed km/h (mph)				
		mm in	mm in	mm in	mm in		Static	1 1	5 3	10 6	25 16		
		mm in	mm in	mm in	mm in							Speed	bar
18.00-25	13	498	1618	727	4915	40	—	10	31500	28000	25400	23600	21900
E-3		19.6	63.7	28.6	193.5		—	145	69446	61729	55997	52029	48281



609

IND-4



ALL STEEL



SPECIAL
COMPOUND



INDUSTRIAL
FORKLIFT



CONTAINER
HANDLER

609 is a radial construction tire that allows the sidewall and the tread to function as two independent features of the tire. The sidewall flex is not transmitted to the tread ensuring the footprint only lengthens with minimal transversal slip. The increased flexibility and strength helps in absorbing shocks. Reinforced tread and sidewalls combined with casing specially designed for port applications provide effective protection against damage and abrasion. It also results in low operational costs and improved productivity.



SIZE	P.R.	TYPE	RIM	O.D.	S.W.	SLR	L.C.C.	A.P.	SP
				mm in	mm in	mm in	kgs lbs	bar psi	kmph mph
16.00R25*	**	TL	11.25/2.0	1525 60	434 17.1	684 26.9	15000 33069	10 145	25 16



610

IND-4



ALL STEEL



SPECIAL
COMPOUND



REACH
STACKER

Alliance 610 is a highly versatile and modern design tire. It has a strong casing due to reinforced tread and sidewalls. The 610 gives effective protection against damage and abrasion. It also has lower operational cost and hence improved productivity. Radial construction allows the sidewall and the tread to function as two independent features of the tire; sidewall flex does not transmit to the tread ensuring the footprint only lengthens with minimal transversal slip and increases its shock absorbing strength.

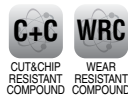
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD Tread Depth	Load Index Speed Symb.	Speed	For all axles								
		SW	OD						Inflation Pressure bar (psi)								
									6	6.5	7	7.5	8	8.5	9	9.5	10
18.00R25*							214A5		UNDER DEVELOPMENT								



UNDER DEVELOPMENT

FORKLIFT

MH-504 IND-1



The Alliance MH-504 is a value service tire designed to operate in forklift applications. Engineered with optimal tread depth for high performance in medium intensity operation. Strong Casing : Pneumatic ride comfort strengthened by stiff sidewalls to provide required stability in operations. Excellent load distribution and optimal footprint provides stability in operations a value offering with optimum tread depth for medium duty forklift tires.



SIZE	P.R. & LI	RIM	O.D.	S.W.	Rolling Circumference	Loaded Static Radius	Recommended Load	Inflation Pressure	Speed
			mm in	mm in	mm in	mm in	kg lbs	bar psi	kmph mph
6.50-10 NHS	12	5.00F	602	183	1714	266	2150	9.7	15
			23.7	7.2	67.5	10.5	4740	141	9
7.00-12 NHS	12	5.00S	683	192	1956	304	2720	8.8	15
			26.9	7.6	77	12	5997	128	9
250-15 NHS	16	7.50BD	735	250	2163	336	4285	9.3	15
			28.9	9.8	85.2	13.2	9447	135	9
28X9-15 (8.15-15) NHS	14	7.0BD	706	221	2064	321	3415	9.7	15
			27.8	8.7	81.3	12.6	7529	141	9
300-15 NHS	20	8.0	840	300	2434	378	6575	9.3	15
			33.1	11.8	95.8	14.9	14495	135	9
7.50-15 NHS	12	6.00BD	808	215	2327	361	3490	7.9	15
			31.8	8.5	91.6	14.2	7694	115	9
8.25-15 NHS	14	6.50	847	236	2427	377	4255	8.3	15
			33.3	9.3	95.6	14.8	9381	120	9
5.00-8 NHS	10	3.00D	469	131	1339	208	1250	10	15
			18.5	5.2	52.7	8.2	2756	145	9
6.00-9 NHS	10	4.00E	544	165	1549	240	1685	8.6	15
			21.4	6.5	61	9.4	3715	125	9

MOBILE CRANE

630

E-2

SC

AS

SPECIAL COMPOUND ALL STEEL

HIGH SPEED MOBILE CRANE

Alliance 630 has been designed to meet the requirement of comfort in high-speed crane applications, as well as, to enable efficient operations in off the road applications. A specific non-directional tread pattern enables precise steering response, reduces noise and enables high driving comfort. Strong all-steel casing combined with low heat-build-up tread rubber compound enable long and efficient tire life.



HARD IMPROVED SURFACE



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
		mm in	mm in	mm in	mm in		bar psi	Static	5 3	10 6	20 12	30 19	40 25	50 31	60 40	70 44	80 50	90 56	100 62
16.00R25 All Steel	11.25/2.0	435 17.1	1486 58.5	691 27.2	4578 180.2	174F	9	16750	14070	12060	10050	8380	7710	7500	7200	7040	6700	6400	-
						131	36930	31020	26590	22160	18480	17000	16540	15870	15520	14770	14110	-	
						177E	9	20810	16790	13510	10220	9490	9050	8610	7740	7300	5990	5110	4380
						131	45880	37020	29780	22530	20920	19950	18980	17060	16090	13210	11270	9660	

636

E-2

HRC

SC

AS

C+C

HEAT RESISTANT COMPOUND SPECIAL COMPOUND ALL STEEL CUT & CHIP RESISTANT COMPOUND

POWER TRAIN HIGH SPEED MOBILE CRANE

636 is a massive radial tire for heavy duty applications and long distance transportation. It is designed for highway service at high speeds. The strong all steel casing of the tire ensures excellent durability, even tread wear and long life. The massive blocked tread pattern gives maximum traction and high road grip and is suitable for both on and off road.



HARD IMPROVED SURFACE



OFF ROAD SURFACE MINING



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)														
		SW	OD				Free rolling				Drive Wheel					
		mm in	mm in				mm in	mm in	Load index	bar psi	10 6	25 16	40 25	50 31	10 6	25 16
		speed Sym														
385/95R25* (14.00R25)						170E			————— UNDER DEVELOPMENT —————							

170E

UNDER DEVELOPMENT

639

E-2

HRC

SC

AS

C+C

HEAT RESISTANT COMPOUND SPECIAL COMPOUND ALL STEEL CUT & CHIP RESISTANT COMPOUND

POWER TRAIN HIGH SPEED MOBILE CRANE

639 is a high performance radial tire for mobile cranes and heavy truck applications. It is designed for highway service at high speeds. The strong all steel construction gives excellent durability, low rolling resistance and puncture protection. The non-directional pattern ensures easy handling, closed shoulders and the variable pitch ensure low noise level. It has a special tread compound for even tread wear, long life and smooth ride.



HARD IMPROVED SURFACE



OFF ROAD SURFACE MINING



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)																
		SW	OD				Free rolling				Drive Wheel							
		mm in	mm in				mm in	mm in	Load index	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
		mm in	mm in				mm in	mm in	speed Sym	psi	6	16	25	31	6	16	25	31

385/95R24*

UNDER DEVELOPMENT

385/95R25*
(14.00R25)

170F

UNDER DEVELOPMENT

NOTES

Underground Mining and Severe Services



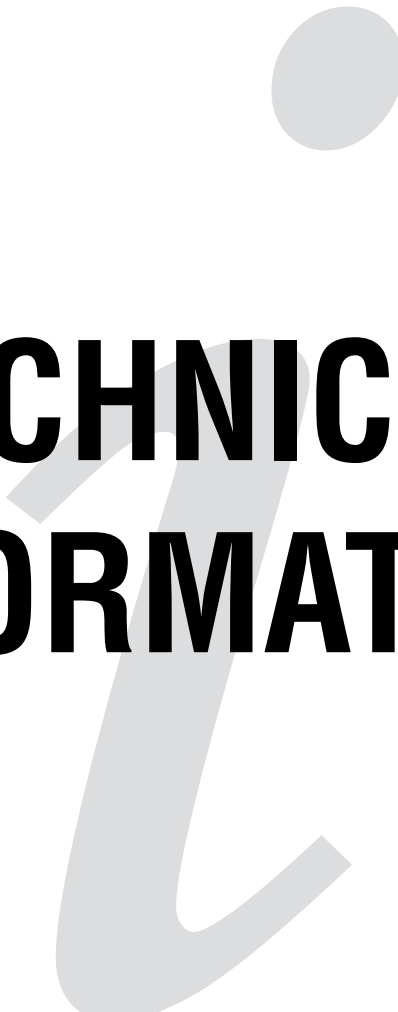
314 MINE SERVICE L-5S



The Alliance 314 Mine Service tire is designed for the most demanding underground mining applications. It has extra, ultra deep treads to ensure long wear in highly abrasive surfaces. The robust nylon carcass with higher number of actual plies enhances tire strength, penetration protection and load carrying capacity. Its specially formulated tread compound gives superior protection and exceptional tread life. The extra wide reinforced bead with superior compound reduces bead failure during high load operations. The tire's wide and flat tread profile results in large ground contact area that provides high traction and enhanced load carrying capacity.



Size	Rim Width in	Unloaded Dimension		Static Loaded Radius	Rolling Circum	PR	Load Capacity for Underground Mining applications					
		SW	OD				Infl. Pressure	Speed km/h (mph)				
								Static	1 1	5 3	10 6	25 16
12.00-24	8.50x24	310	1270	590	3750	20	8.25	11040	8970	7800	6900	5865
		12.2	50	23.2	147.6	24	120	24340	19780	17200	15212	12930
							10	-	-	-	7600	-
							145	-	-	-	16755	-



TECHNICAL INFORMATION

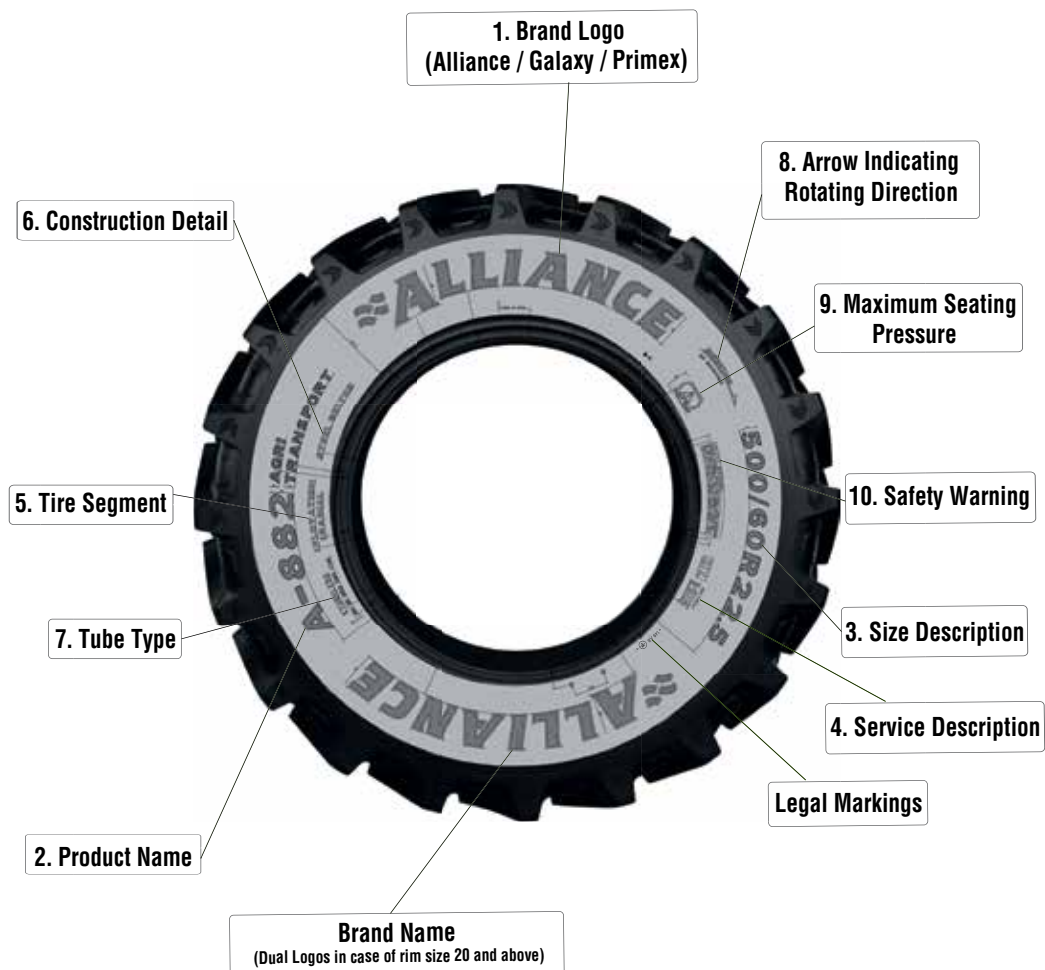
Tire Markings

A series of numbers and codes are internationally used for the identification of tire structures, dimensions and main applications. This group of codes and numbers is collectively known as the “markings” and permits precise identification of the tire.

Here are some examples:

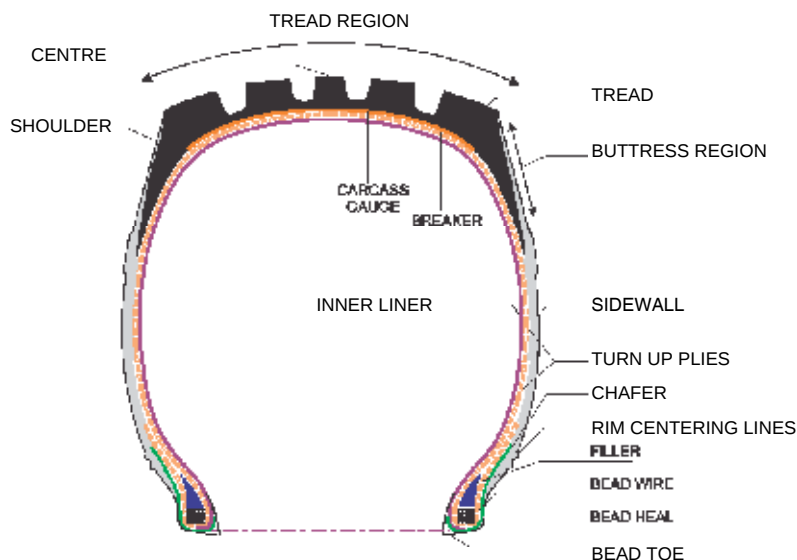
1	ALLIANCE	Brand name and / or manufacturer's name
2	580 or 372 IF	Product name (tread pattern identification)
3 a	SIZE DESCRIPTION 600/65R38 600/60-30.5 520/70B30	Metric tyre size designation 600 = section width (mm) 65 = aspect ratio between section height and section width (%) R = radial construction 38 = rim diameter (inch) - = cross ply construction B = bias belted construction
b	650/60-26.5 LS2	Metric tyre size designation for forestry tyres LS = log service 2 = tread depth code
c	7.50-16	Coded tyre size designation 7.50 = section width (inch) - = cross ply construction 16 = rim diameter (inch)
d	20.5x10.0-10	American tyre size designation 20.5 = overall diameter (inch) x = versus 10.0 = section width (inch) - = cross-ply construction 10 = rim diameter (inch)
4 a	157 A8 154 B	Service description 157 = load index for the tyres nominal load capacity A8 = speed symbol for the tyres nominal speed 154 = additional load index at max speed B = additional speed symbol for max speed
b	8 PR	Tyre carcass strength identification 8 = strength index PR = ply rating (but does not necessarily represent the number of cord plies in the tyre)
4 c	166 A8 154 A8	Service description (implement) Load index and speed symbols as 4.a free rolling tyre driving tyre
d	161A8 HT 161 A2 LT 168 A2	Service description (forestry) Load index and speed symbols as 4.a 161 A8 = service on road HT 161 A2 = High Torque service (skidders) LT 168 A2 = Low Torque service (forwarders, harvesters)
e	99J	Service description (high speed trailer) Load index and speed symbols as 4.a

5	IMP or other	Service type identification IMP = Implement Other service identifications are: FORESTRY = tyres for forestry machines AGROFOREST = tyres for mixed agri and forestry service AMPT = Agricultural Multi Purpose Tyre : tyres for a high rate of road service up to 65 Km/h LOADER = tyres for wheel loaders and back hoe loaders GARDEN TRACTOR = tyres for gentle service on green surfaces INDUSTRIAL = tyres for industrial service FRT = Free Rolling Tyre: commercial vehicle tyre used as high speed implement trailer tyre
6	STEEL BELT	The tyre has a belt of steel cord (forestry tyres)
7	TUBELESS	Tyre to be used without a tube (some tubeless tyres are marked that they are allowed to be used with a tube)
8		Arrow indicating rotating direction of a traction tyre in driving service
9		Pictogram showing the max seating pressure (varies for different type of tyres)
10	SAFETY WARNING	Warning text which states the items to be paid attention to when fitting the tyre
11	E 16	ECE type approval mark and number (often called "e-marking")
106R-00 0001		



Basic Tire and Rim Terms

CONSTRUCTION AND COMPONENT PARTS



TIRE DEFINITIONS

Overall Diameter (OD)

Inflated diameter of the Tire under reference tire pressure.

This parameter is measured after the tire is properly mounted on the reference rim and inflated at the pressure recommended by the manufacturer for at least 24 hours without any load.

Overall Width (OW)

Inflated width of the Tire under reference Tire pressure on the sidewalls.

Section Width (SW)

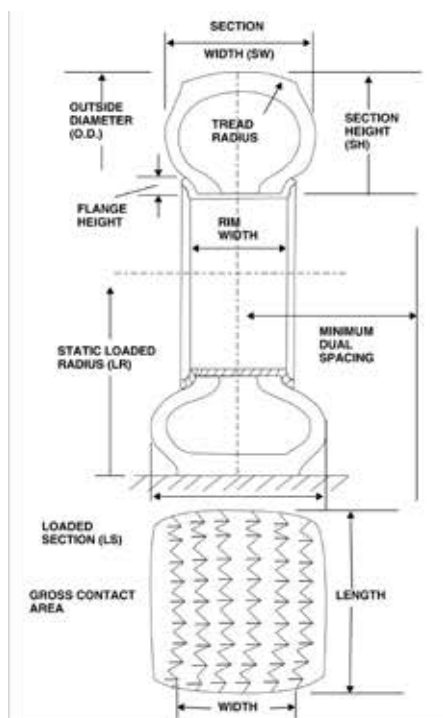
Inflated width of the Tire under reference Tire pressure excluding any bars, letters or design embossed on the sidewalls. The section width is measured after the tire is properly mounted on the reference rim and inflated at the pressure recommended by the manufacturer for at least 24 hours without any load.

Static Loaded Radius

It is the minimum radius acquired by the Tire under reference load and pressure at static condition.

Tread Width

The distance between the extreme edges of the tread, as measured at the surface of the tread.



Nominal Rim Diameter

Outer diameter of bead seat area of rim flange.

Section Height = Overall Tire Diameter – Nominal Rim Diameter

2

Rim Width

The distance between flanges of the rim.

Load Index

The load index is a numeric code that defines the tire's maximum loading capacity in kg. For each tire type/size, the loading capacity is always related to a specific inflation pressure as defined by ETRTO standards and manufacturer specifications. A uniform method to report the load-carrying capacity of a tire.

When comparing tires, the higher the load index number, the higher the load capacity.

Speed Code

The speed code is a symbol that indicates the maximum speed admitted at the given load index, following any other specific conditions defined by the tire manufacturer.

Corresponding Tire Sizes

ETRTO - SRI	Standard series	Standard series /80-/85	Wide series /70-/75	Extra large series /60-/65-/85	Narrow series /90-/95	TWIN TRACTOR		
						/45-/50	/55	/60-/55
360	6.50-16		260/70R16					
360	9.0/75-16		260/70R16					
390	7.50-16	250/80-16	280/70R16					
410	7.50-18	250/80-18	280/70R18					
425	7.50R20						400/55-17.5	
450	9.5R20	260/80R20	300/70R20					
475	11.2R20	280/85R20	320/70R20					
500	12.4R20	320/85R20	360/60-24					360/70R20
525	11.2R24	280/85R24	320/70R24					
550	12.4R24	320/85R24	360/70R24	420/65R24		600/50-22.5		400/60-26.5
575	13.6R24	340/85R24	380/70R24	440/65R24				
600	14.9R24	380/85R24	420/70R24	480/65R24	230/95R32			500/60-26.5
625	16.9R24	420/85R24	480/70R24	540/65R24	270/95R32	710/45-26.5	600/55-26.5	
650	16.9R26		480/70R26					
575	11.2R28	280/85R28	320/70R28					
600	12.4R28	320/85R28	360/70R28		230/95R32			500/60-26.5
625	13.6R28	340/85R28	380/70R28	440/65R28	270/95R32			600/55-26.5
650	14.9R28	380/85R28	420/70R28	480/65R28	230/95R36			
675	16.9R28	420/85R28	480/70R28	540/65R28			600/55-30.5	
675	14.9R30	380/85R30	420/70R30				600/55-30.5	
700	16.9R30	420/85R30	480/70R30	540/65R30 600/65R28		750/45-30.5		600/60-30.5
725	18.4R30	460/85R30	520/70R30 600/70R28		210/95R44	750/50-30.5		
725	14.9R34	380/85R34						
750	16.9R34	420/85R34	480/70R34 600/70R30	540/65R34 710/60R30	230/95R44			
775	18.4R34	460/85R34	520/70R34	600/65R34 650/60R34		800/50-34	800/55-30.5 710/55-34	
825	20.8-34			710/60R34				
725	13.6R36	340/85R36			210/95R44			
725	12.4R38	320/85R38						
750	13.6R38	340/85R38						
775	14.9R38	380/85R38			270/95R44			
800	16.9R38	420/85R38	480/70R38 600/70R34	540/65R38	230/95R48			600/60-38
825	18.4R38	460/85R38	520/70R38	600/65R38 710/60R34	270/95R48 300/95R46			650/60-38
875	20.8R38	520/85R38	580/70R38	650/65R38 600/65R42		850/50-38		710/65-38 900/60-32
875	18.4R42	480/80R42		600/65R42				
925	20.8R42	520/85R42	580/70R42 620/70R42 650/75R38 710/70R38	650/65R42			850/55-42	750/65-38 850/60-38
925	18.4R46	480/80R46						
975	20.8R46	520/85R46 480/80R50	710/70R42 800/70R38	900/60R38 650/85R38	380/90R50			
1025			710/75R42	900/60R42	380/90R54			

Modifying the original fitment of the machine may require a new set of rims. Verify that the alternative tyre size is fitted on an approved rim contour.

Load Table Technical Information

Conversion of load indices (LI) into load capacities per tyre (Kg)

LI	KG	LI	KG	LI	KG	LI	KG
50	190	85	515	120	1400	155	3875
51	195	86	530	121	1450	156	4000
52	200	87	545	122	1500	157	4125
53	206	88	560	123	1550	158	4250
54	212	89	580	124	1600	159	4375
55	218	90	600	125	1650	160	4500
56	224	91	615	126	1700	161	4625
57	230	92	630	127	1750	162	4750
58	236	93	650	128	1800	163	4875
59	243	94	670	129	1850	164	5000
60	250	95	690	130	1900	165	5150
61	257	96	710	131	1950	166	5300
62	265	97	730	132	2000	167	5450
63	272	98	750	133	2060	168	5600
64	280	99	775	134	2120	169	5800
65	290	100	800	135	2180	170	6000
66	300	101	825	136	2240	171	6150
67	307	102	850	137	2300	172	6300
68	315	103	875	138	2360	173	6500
69	325	104	900	139	2430	174	6700
70	335	105	925	140	2500	175	6900
71	345	106	950	141	2575	176	7100
72	355	107	975	142	2650	177	7300
73	365	108	1000	143	2725	178	7500
74	375	109	1030	144	2800	179	7750
75	387	110	1060	145	2900	180	8000
76	400	111	1090	146	3000	181	8250
77	412	112	1120	147	3075	182	8500
78	425	113	1150	148	3150	183	8750
79	437	114	1180	149	3250	184	9000
80	450	115	1215	150	3350	185	9250
81	462	116	1250	151	3450	186	9500
82	475	117	1285	152	3550	187	9750
83	487	118	1320	153	3650	188	10000
84	500	119	1360	154	3750	189	10300

CONVERSION FACTORS

1 millimeter (mm)	= 0.03937 inches	1 inch (")	= 25.4 millimeters
1 meter (m)	= 1.09361 yards	1 yard	= 0.9144 meters
1 kilometer (Km)	= 0.62137 miles	1 mile (mi)	= 1.609344 kilometers
1 liter (l)	= 0.21997 gallons (UK)	1 gallon (UK)	= 4.5461 litres
1 liter (l)	= 0.26417 gallons (USA)	1 gallon (USA)	= 3.7854 litres
1 gram (g)	= 0.035274 ounces	1 ounce (oz)	= 28.34952 grams
1 kilogram (Kg)	= 2.205 pounds	1 pound (lb)	= 0.45359 kilograms
1 kilometer per hour (Km/h)	= 0.62137 miles per hour	1 mile per hour (mph)	= 1.609344 kilometers per hour
1 kilopascal (kPa)	= 0.145 pounds per square inch	1 pound per square inch (psi)	= 6.895 kilopascal
1 bar	= 100 kilopascal	1 pound per square inch (psi)	= 0.06895 bar
1 kilowatt (kW)	= 1.34 horsepower	1 horsepower (HP)	= 0.746 kilowatts
1 Newton meter (N.m)	= 0.113 inch pound	1 inch pound (in-lb)	= 8.85 inch-pound

TEMPERATURES

(Fahrenheit - 32) x 0.55 = Celsius	32	40	50	60	70	75	85	95	105	140	175	212	°F
(Celsius x 1.8) + 32 = Fahrenheit	0	5	10	15	2	25	30	35	40	60	80	100	°C

SPEED

Speed code	A1	A2	A3	A4	A6	A8	B	C	D	E	F
Km/h	5	10	15	20	30	40	50	60	65	70	80
mph	3	6	9	12	19	25	31	37	40	43	50

Km/h to mph x 1.61 mph to Km/h x 0.62

PRESSURE

kPa (kilopascal)	60	100	120	140	160	180	200	240	280	320	360	400	500
bar = Kg/cm2	0,6	1,0	1,2	1,4	1,6	1,8	2,0	2,4	2,8	3,2	3,6	4,0	5,0
psi = (pound/square inches)	8	15	17	29	23	26	28	34	40	45	51	57	71

psi to bar x 0.07 bar to psi x 14.23 kPa to bar x 100 bar to kPa x 0.01 kPa to psi x 7 psi to kPa x 0.142

LI	KG	LB
140	2500	5513
141	2575	5678
142	2650	5843
143	2725	6009
144	2800	6174
145	2900	6395
146	3000	6615
147	3075	6780
148	3150	6946
149	3250	7166
150	3350	7387

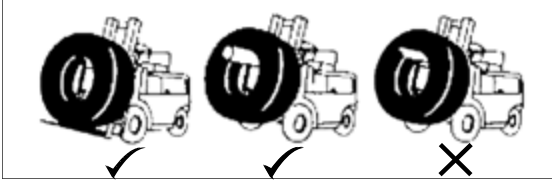
Handling of Tires

HANDLING OF TIRES

Extreme care is needed in the handling of tires. Improper handling of tires can lead to damage, especially to the beads. Therefore, it is necessary to prevent excess pressure from being exerted on the beads.

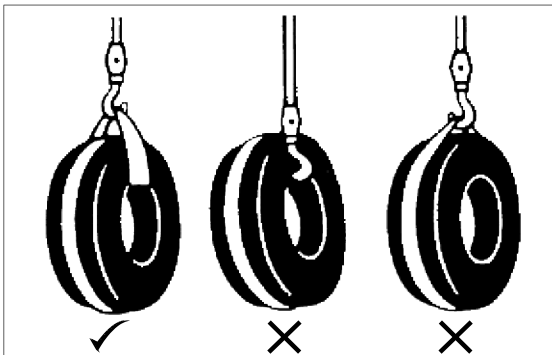
When using a forklift to lift a tire:

- Lay the tire vertically across the fork, or
- Use a round fork at least six-inches in diameter.
- Do not insert a flat type fork within the tire.



When lifting tires by crane:

- Use a wide nylon or rubber sling.
- Do not use a rope sling.
- Do not hook the tire beads.



SAFETY PRECAUTIONS

WARNING

Servicing of the Tire and rim should be done by trained personnel using proper tools and procedures. Failure to comply with these procedures may result in faulty positioning of the tire and/or rim, and cause the assembly to burst with explosive force, sufficient to cause serious physical injury or death.

DEMOUNTING

Before Demounting

- Always empty all air from a single tire and from both tires of a dual assembly prior to removing any wheel components such as nuts and rim clamps. (A broken rim part under pressure can blow apart and cause serious injury or death.)
- Make sure to remove the valve core to exhaust all air from the tire. Remove both cores to exhaust all air from a dual assembly. (The wheel assembly may fly apart if the tire is still under pressure when the wheel lugs are removed)
- Check the valve stem by running a piece of wire through it to make sure it is not clogged. (Foreign material may clog the valve stem during deflation)

DURING DEMOUNTING

- Demounting tools apply pressure to rim flanges to unseat tire beads. Keep your finger clear. Always stand to one side and hold the tool with one hand when you apply hydraulic pressure. (If the tool slips off it can fly with enough force to cause serious injury or death.)

- Do not use the tool in the vicinity of the flange butt weld.

AFTER DEMOUNTING

- Clean rims and repaint chipped areas to prevent the detrimental effects of corrosion and facilitate checking and tire mounting. Be extremely careful to clean all dirt and rust from the lock ring and gutter. This is important to secure the lock ring in its proper position. A filter on the air line helps prevent corrosion. The filter should be checked periodically to see that it is working properly. (Parts must be clean for a proper fit. Particularly, the gutter section which holds the lock ring in proper position)

Safety Precautions for Mounting

MOUNTING

Before Mounting

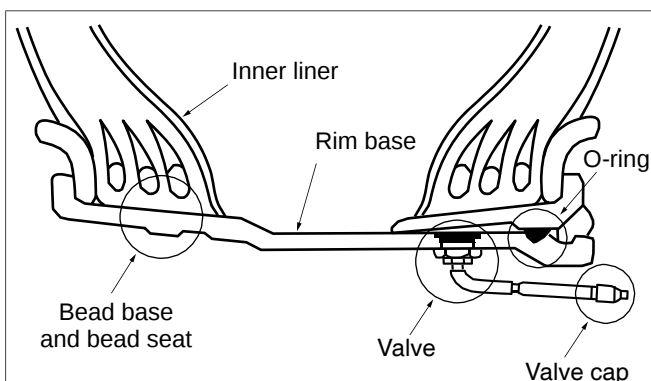
- Check rim components for cracks. Replace all cracked, badly worn, damaged and severely rusted components with new parts of the same size and type. When the condition of a component is in doubt, replace it. (Parts that are cracked, damaged or excessively corroded are weakened. Bent or repaired parts may not engage properly.)
- Do not, under any circumstances, attempt to rework, weld, heat, or braze any rim components that are cracked, broken, or damaged. Replace them with new parts or parts that are not cracked, broken, or damaged and which are of the same size and type. (Heating may weaken a part to the extent it is unable to withstand forces of inflation or operation.)
- Make sure correct parts are being assembled.
- Check with your distributor or the manufacturer if you have any doubts. (Mismatched parts may appear to fit, but when the tire is inflated, it may fly apart with explosive force)
- Mixing parts of one type rim with those of another is potentially dangerous. Always check rim manufacturer for approval.
- Removing rust, dirt and other foreign matter from the rim surface, particularly on the bead seats and O-ring slot.
- Clean the interiors of the tire.
- For tube type tires, make sure tube and flap are correct and not damaged.
- Always prepare a new O-ring for tubeless type tires.
- Do not reinflate a tire that has been run-flat or has been run at 80% or less of its recommended operating pressure, or when there is obvious or suspected damage to the tire or wheel components. (Components may have been damaged or dislocated during the time the tire was run-flat or seriously underinflated)

During Mounting and Inflation

- Do not try to seat rings or other components by hammering while a tire is inflated or partially inflated.
- Double check to ensure all components are properly seated prior to inflation.
- Do not inflate a tire before all components are properly in place. Place the tire in a safety cage, or other restraining device and inflate to approximately 5 psi, recheck components for proper assembly. Observe that the O-ring does not roll out of its groove. If the assembly is not proper, deflate and correct. Never hammer on an inflated or partially inflated tire/rim assembly. If assembly is proper at approximately 5 psi, continue to inflate to fully seat the tire beads.
- Never sit on or stand in front of a tire/rim assembly that is being inflated. Always use a clip-on chuck with a sufficient length of hose to permit the person inflating the tire to stand clear of the potential trajectory of the wheel components. Use an inline valve with a gauge or a pressure regulator preset to a desired value when inflating a tire. When a tire is in a restraining device, do not lean any part of your body or equipment on or against the restraining device. (If parts are improperly installed they may fly apart with explosive force)
- Never attempt to weld or heat on or near a tire/rim assembly. (Heat from welding will cause a sudden drastic increase in air pressure, resulting in an explosion with the force of a bomb. Deflated tires can catch fire inside the air chamber.)

After Inflation

- Make sure there is no air leakage, especially in tubeless tires. Checking points for air leakage are pictured below.



Safety Precautions for Operation

OPERATION

- Do not use under inflated tires.
- Do not bleed or remove air to compensate for the increase in pressure resulting from operation.
- Do not use undersized rims. Use recommended rims. Consult catalogs for proper tire/rim matching.
- Do not overload or over inflate the tire/rim assembly. Check for adequate rim strength if special operating conditions are required. (Excessive overload can cause tire/rim assembly damage.)
- Never run a vehicle on one tire of a dual assembly. (The carrying capacity of the single tire and rim is dangerously exceeded an operating a vehicle in this condition can result in damage to the rim and tire or cause a tire fine.)
- Never use a tube in a tubeless tire/rim assembly if the rim is suspected of leaking. (Loss of air pressure through fatigue cracks or other fractures in a tubeless rim warns of a potential rim failure. This safety feature is lost when tubes are used with leaking rims. Continued use may cause the rim to burst with explosive force.)
- Always inspect rims and wheels for damage during tires checks. (Early detection of potential rim failure may prevent serious injury.)
- Never add or remove an attachment or other-wise modify a rim (especially by heating, welding, or brazing) unless the tire has been removed and rim maker approval has been received. (Modification or heating of a rim or one of its parts may weaken it so that it cannot withstand forces created by inflation or operation.)

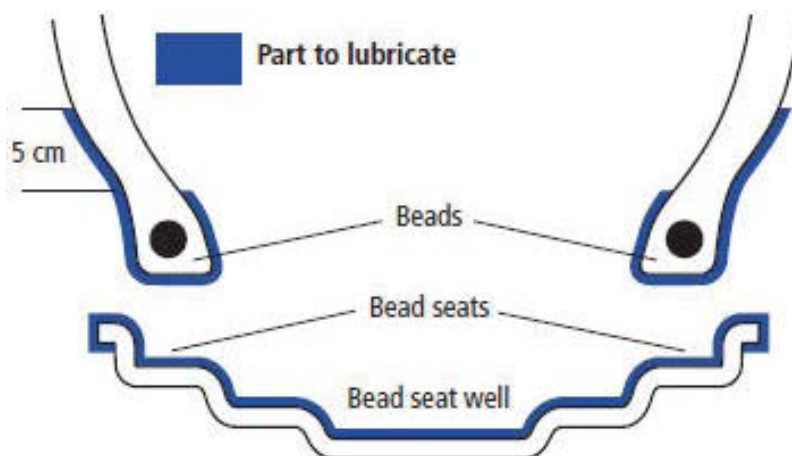
Tools for Mounting and Demounting Tires

The following are all portable tools, and can be used both horizontally and vertically.

- Hydraulic tire remover (tire push type) and bead wedges. Commonly used for 25-inch rims.
- A man-powered hydraulic pump attached to a tire push type hydraulic tire remover.
- Hydraulic tire remover in operation.
- Hydraulic tire remover (rim flange push type). Commonly used for 33-inch or larger rims.
- Manual hydraulic pump attached to rim flange push type hydraulic tire remover.
- Another kind of hydraulic tire remover for 33-inch or larger rims (rim flange push type).
- Tire, mounting and demounting machine (unit-rig type) mainly used for 49-inch or larger rims. It is stationary and for horizontal use only. Hydraulic ram is driven by an electric pump

Lubrication of Tire Rim and Bead

- Use a soft-bristled brush to spread the lubricant over the surface.
- Use specific lubricants for tire mounting only.
- Do not use silicone or other solvent-based substances.



Place the tire bead on the rim channel.

- Make sure that at least part of the tire bead stays within the rim profile.
- Start rotating the tire and position the tire bead gradually on the rim
Complete the rotation until the entire bead is positioned on the rim.
- Make sure that the entire bead is correctly fitted within the rim.

Safety & PPE's

- A pair of protective goggles
- Safety shoes
- Retention system to hold the tire assembly in place (safety cage)
- Safety ear muffs

Tire Care Tips

- Always select right tire and rims
- Check inflation pressure at least once a week
- Never check the inflation after long runs. Allow tire to cool for 30 mins.
- Use mounting machine to mount the tires. Avoid hard objects.
- Cover the valve with valve caps always
- 30 minutes mid day stoppage is recommended after sustained haulage work.
- Avoid chuck holes and long spins
- Avoid high speed cornering
- Avoid locking one wheel for sharp turns
- Avoid sudden breaks and starts.

Tire Storage

Tires should be stored in a cool and dry place, away from direct sunlight, electric motors, oils, fuels, resins and other volatile substances in order to avoid any alteration of the chemical-physical features.

Should this not be possible, at least protect your tires with a waterproof tarpaulin to avoid contact with ultra-violet rays and bad weather.

Tires are to be placed vertically side by side. Do not stack one tire over the other horizontally.



Correct



Incorrect

INFLATION PRESSURE AND ITS IMPORTANCE

The most important aspect of tire maintenance is the correct inflation pressure which should be adjusted based on the load. This directly impacts the key metrics such as traction, flotation, tire wear and fuel efficiency

Soil Compaction

The root development of the crops planted is adversely affected if soil is compacted. It also limits development of microbial life and increases water stagnation. This leads to loss of yield and excess operating cost to break the compaction layer.

Fuel Efficiency

The right pressure means optimum soil contact which causes spin and penetration to be reduced. Decreasing excess fuel consumption, time wasted and wear on machine and tires.

Service life of tires

Over inflation causes excessive spin in the fields, not to mention increased soil compaction. On hard, stony soil, it causes premature wear.

On the road, over inflation causes fast, irregular wear on the lugs – the footprint is too small.

Under inflation causes irreversible damage to tire casings: risk of failure. It also leads to excessive wear on roads: too much rolling resistance. Statistics say that a tire operated at 10% below required pressure will suffer a 15% reduction in its life expectancy.

Personal comfort

Over inflation causes bouncing and vibration.

Under inflation causes power handling. Manoeuvring at low speeds or on the spot is more difficult.

ICONS MASTER

APPLICATIONS

									
2WD Tractor	4WD Tractor	Agricultural Loader	Alpine Tractor	Articulated Dump Truck	Backhoe	Baler	Combine Harvester		
									
Container Handler	Cultivators	Dozer	Excavator	Fertilizer Truck	Forestry Forwarder	Forestry Harvester	Forestry Trailer		
									
Load Haul Dumper	Wheel Loader	MFWA	High Speed Mobile Crane	Mower	Plough	Reach Stacker	Rigid Dump Truck		
									
Skidsteer	Sprayer	Tanker	Telehandler	Terminal Tractor	Trailer	Trencher	Utility Tractor		
									
Dump Truck	Spreader	Water Sprinkler	Power Train	Agricultural Implements	Forestry Mulcher	Feller Buncher	Forestry Tractor		
									
Wagon	Heavy duty Forklift	Tipper	Scraper	Seeder	Sugarcane Harvester	Seismic Vehicle	Bomb Carts	Utility Tractor MFWA	
									
Golf Cart	Caravan	Ditching Machine	Boom Lift	Industrial Tractor	Water Tanker	Compactor	Grader	Skidder	Truck
									
Compact Loader	Forklift	Rubber Tire Gantry	Utility Tractor 4WD	Wheeled Tree Trimmer	Paver	Scissor Lift	Highway Trailer		

DIFFERENTIATORS



ALL STEEL



SPECIAL COMPOUND



STEEL BELTED



HEAT RESISTANT COMPOUND



WEAR RESISTANT COMPOUND



CUT&CHIP RESISTANT COMPOUND



STUBBLE GUARD

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No
8	5.00-8	MH-504	178														
9	6.00-9	MH-504	178														
10	6.50-10	MH-504	178														
12	10.0/80-12	A-320 Value Plus	82														
12	26X12.00-12	312	91														
12	5.00-12	FarmPro 324	27														
12	6.00-12	FarmPro 324	27														
12	6.50/80-12	324	22														
12	7.00-12	MH-504	178	A-320 Value Plus	82												
13	9.00-13	223	84														
14	11L-14	542	86														
14	180/95-14	FarmPRO TD45	31														
14	9.5L-14	542	86														
15	11L-15	211	130	222	85	542	86	543	84								
15	12.5L-15	542	86	543	84												
15	195/65-15	768 Irrigation	29														
15	250-15	MH-504	178														
15	280/70R15	381 Radial Implement	60	381 Agriflex	60												
15	28X9-15	MH-504	178														
15	300-15	MH-504	178														
15	31X15.50-15	221	158	332	91,159												
15	33X15.5-15	221	158														
15	5.00-15	FarmPro 324	27	303	74	FarmPro 303	75										
15	6.50/80-15	324	22														
15	6.70-15	542	86														
15	7.50-15	MH-504	178														
15	7.60-15	542	86														
15	8.25-15	MH-504	178														
15	9.5L-15	542	86	543	84												
15.3	10.0/75-15.3	328 Value Plus	71,79	320	80	A-320 Value Plus	82	AS323	87								
15.3	11.5/80-15.3	328 Value Plus	71,79	320	80	A-320 Value Plus	82	AS323	87								
15.3	12.5/80-15.3	A-320 Value Plus	82														
15.3	12.5-15.3	320	80														
15.5	400/60-15.5	328	67,78,106	328 Value Plus	71,79	A-320 Value Plus	82	FarmPro IMP 327	83								
15.5	500/55-15.5	320	80														
15.5	500/60-15.5	328	67,78,106														
16	7-16	FarmPRO TD45	31	Farmpro 324	27												
16	8-16	FarmPRO TD45	31	Farmpro 324	27												
16	10.00-16	303	74	FarmPro 303	75												
16	10.5/65-16	A-320 Value Plus	82														
16	11.00-16	303	74	FarmPro 303	75	542	86										
16	11L-16	211	130	SK-906	122												
16	12.4-16	316	88														
16	13.0/55-16	A-320 Value Plus	82														
16	13.0/75-16	320	80														
16	14.0/65-16	320	80	FarmPro IMP 327	83	328 Value Plus	71,79										
16	200/70R16	Agristar 370	11														
16	240/70R16	Agristar 370	11														
16	250/80R16	550 Multiuse	19,122,124														
16	260/65R16	Agristar 370	11														
16	260/70R16	Agristar 370	11														
16	280/65R16	Agristar 370	11														
16	280/70R16	Agristar 370	11														
16	320/65R16	Agristar 370	11														

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No
16	340/55-16	FarmPro IMP 327	83														
16	5.50-16	303	74	FarmPro 303	75												
16	6.00-16	FarmPro 324	27	Tracpro 303 (3Rib)	74	303	74	FarmPro 303	75	A-320 Value Plus	82	Tracpro 303 (Multi rib)*	74				
16	6.50-16	324	22	303	74	FarmPro 303	75	Farmpro 324	27	Tracpro 303(3Rib)*	74	Tracpro 303 (Multi rib)*	74				
16	7.50-16	324	22	Tracpro 303 (Multi Rib)	74	303	74	FarmPro 303	75	542	86	AS323	87	Tracpro 303 (3Rib)*	74		
16	8.25-16	324	22														
16	9.00-16	303	74	FarmPro 303	75	542	86	Trailer 448	79								
16	9.5-16	FarmPRO TD45	31														
16.1	13.50-16.1	329	154														
16.1	14L-16.1	313	76														
16.1	16.5L-16.1	222	85														
16.1	19L-16.1	542	86														
16.1	21.5L-16.1	542	86														
16.1	33X16LL-16.1	322	159														
16.5	10-16.5	SK-906	122	SK-903	122												
16.5	12-16.5	SK-906	122														
16.5	12X16.5	SK-903	122														
16.5	265/70R16.5	550 Multiuse	19,122,124														
16.5	305/70R16.5	550 Multiuse	19,122,124														
16.5	340/60R16.5	381 Radial Implement	60														
16.5	380/55R16.5	381 Radial Implement	60														
17	15.0/55-17	319	77	A-320 Value Plus	82	FarmPro IMP 327	83	222	85								
17	19.0/45-17	A-320 Value Plus	82	FarmPro IMP 327	83	222	85	328 Value Plus	71,79								
17	425/55R17	570	125,133,142	221 Impement Radial	158												
17	440/50R17	221 Implement Radial	158														
17	450/55-17	221	158														
17	49-17	222	85														
17	500/50-17	320	80	A-320 Value Plus	82	FarmPro IMP 327	83	381 Flot-master	59	328	67,78,106						
17	500/50R17	882	59														
17.5	14-17.5	SK-906	122	239	130												
17.5	400/55-17.5	328	67,78,106														
18	9.5-18	340	30														
18	10.5/80-18	Hi Traction 321	90,128	321 Hi Traction	90,128	320	80	A-320 Value Plus	82								
18	10.5-18	317	88,142														
18	12.0-18	317	88,142														
18	12.5/80-18	Hi Traction 321	90,128	321 Hi Traction	90,128	320	80	A-320 Value Plus	82	FarmPro IMP 327	83						
18	12.5-18	317	88,142														
18	13.0/65-18	320	80														
18	15.0/70-18	320	80														
18	15.5/55R18	601 Mud & Snow	139														
18	280/70R18	Agristar 370	11														
18	280/80-18	Tough Trac 325	129														
18	280/80R18	580	113,124, 132,140														
18	300/75R18	580	113,124, 132,140														
18	335/80R18	606	136	608	137												
18	340/65R18	Agristar 370	11	571	77	580	113,124, 132,140	550 Multiuse	19,122,124								
18	365/70R18	606	136	608	137	550 Multiuse	19,122,124										
18	400/70R18	580	113,124, 132,140														
18	405/70R18	606	136	608	137	550 Multiuse	19,122,124										
18	7.00-18	324	22														

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No
18	7.50-18	FarmPro 324	27	303	74	FarmPro 303	75										
19	4.00-19	FarmPro 303	75														
19	4.50-19	FarmPro 324	27														
19	6.00-19	303	74	FarmPro 303	75												
19.5	18-19.5	224	150														
19.5	245/70R19.5	381 Agriflex+	61														
19.5	435/50R19.5	391	56	390Standard	53,148												
19.5	445/70R19.5	624	151														
20	5-20*	Tracpro 303 (3Rib)	74														
20	10.00-20	225	149	839	152												
20	10.5-20	Hi Traction 321	90,128	321 Hi Traction	90,128	317	88,142										
20	11.00-20	210 Super Transport Lug	174	225	149	839	152										
20	11.2R20	Agristar 385	15														
20	12.00-20	210 Super Transport Lug	174														
20	12.5-20	Hi Traction 321	90,128	321 Hi Traction	90,128	317	88,142										
20	12.5R20	606	136	300MPT	145												
20	14.5-20	317	88,142														
20	14.9LR20	387	18														
20	16.0/70-20	320	80	A-320 Value Plus	82	FarmPro IMP 327	83										
20	16/70-20	326 Wide Grip	139	317	88,142												
20	16/70R20	606	136														
20	20.00-20	222	85														
20	21.0/80-20	222	85														
20	260/70R20	Agristar 370	11														
20	280/70R20	Agristar 370	11	FarmPRO Radial 70	14												
20	280/80R20	580	113,124, 132,140														
20	280/85R20	Agristar 385	15	"FarmPRO RADIAL 85 and FarmPRO Radial II"	16												
20	300/70R20	Agristar 370	11	FarmPRO Radial 70	14												
20	320/70R20	Agristar 370	11	FarmPRO Radial 70	14												
20	320/85R20	Agristar 385	15	"FarmPRO RADIAL 85 and FarmPRO Radial II"	16												
20	335/80R20	606	136	608	137												
20	340/65R20	Agristar 370	11														
20	340/80-20	Tough Trac 325	129														
20	340/80R20	580	113,124, 132,140	550 Multiuse	19,122,124												
20	360/70R20	Agristar 370	11														
20	360/80R20	550 Multiuse	19,122,124														
20	365/80R20	606	136														
20	380/70R20	Agristar 370	11														
20	380/75R20	580	113,124, 132,140														
20	38X18.00-20	331	63,106,151														
20	400/70-20	570	125,133,142														
20	400/70R20	580	113,124, 132,140	550 Multiuse	19,122,124												
20	405/70-20	323	134														
20	405/70R20	550 Multiuse	19,122,124	570	125,133,142	606	136	608	137								
20	41X14.00-20	322	159														
20	420/65R20	365 Agri-star	10														
20	425/75R20	580	113,124, 132,140														
20	42X25.00-20	331	63,106,151	328	67,78,106												

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No
20	44X18.00-20	331	63,106,151	328	67,78,106	322	159										
20	455/70R20	608	137														
20	48X25.00-20	331	63,106,151	328	67,78,106												
20	48X31.00-20	331	63,106,151	328	67,78,106												
20	500/45-20	331	63,106,151														
20	500/45R20	381 Flotmaster	59														
20	500/50-20	331	63,106,151														
20	500/55-20	FarmPro IMP 327	83														
20	500/55R20	Implement Radial	158														
20	6.50-20	Tracpro 303 (3Rib)	74	303	74	Tracpro 303 (Multirib)	74										
20	7.50-20	FarmPro 303	75														
20	8.00-20	FarmPro 324	27														
20	8.25-20	225	149	839	152												
20	9.00-20	225	149	839	152												
20	9.5-20	324	22	FarmPro 324	27	337 DEEP LUG	30										
20.5	24R20.5	390	53,148	390MPT	53,148	392	56										
22	9.5-22	324	22	337 DEEP LUG	30												
22.5	15-22.5	225	149														
22.5	280/75R22.5	505	176														
22.5	295/75R22.5	381 Agriflex+	61														
22.5	315/80R22.5	506 Dual Master	149														
22.5	385/65R22.5	882	59	381 Agriflex+	61												
22.5	400/55-22.5	328	67,78,106	328 Value Plus	71,79												
22.5	400/55R22.5	382 MPT	55														
22.5	400/60-22.5	328	67,78,106														
22.5	445/50R22.5	381 Agriflex+	61														
22.5	445/65R22.5	398MPT	55	381 Agriflex+	61												
22.5	445/70R22.5	624	151														
22.5	455/55R22.5	398MPT	55														
22.5	500/45-22.5	328	67,78,106	328 Value Plus	71,79	390	53,148	390MPT	53,148								
22.5	500/60-22.5	331	63,106,151	328 High Speed	67,78,106	328	67,78,106	328 Value Plus	71,79								
22.5	500/60R22.5	390	53,148	882	59												
22.5	550/45-22.5	331	63,106,151	328 High Speed	67,78,106	328	67,78,106	328 Value Plus	71,79								
22.5	550/45R22.5	380 MPT	52,148														
22.5	550/60-22.5	331	63,106,151	328 High Speed	67,78,106	328	67,78,106	328 Value Plus	71,79	222	85						
22.5	560/45R22.5	380 Heavy Duty	52,148	390	53,148	885	58	882	59	381 Flotmaster	59						
22.5	560/60-22.5	FarmPro IMP 327	83														
22.5	560/60R22.5	380 Heavy Duty	52,148	380 MPT	52,148	390	53,148	388	57	885	58	882	59	389 Agriflex + (IMP)	61		
22.5	580/65R22.5	380 MPT	52,148	390	53,148	885	58	882	59								
22.5	600/40-22.5	331	63,106,151	344	92,152												
22.5	600/45R22.5	331 Radial	63,106,151	331	63,106,151	343 Forestar	100	344 Forestar	92,102	644 Forestar III	104	328	67,78, 106				
22.5	600/50R22.5	390	53,148	380	52,148	382 MPT	55	398MPT	55	388	57	885	58	882	59		
22.5	600/55-22.5	331	63,106,151	328 High Speed	67,78,106	328	67,78,106	FarmPro IMP 327	83	222	85						
22.5	600/55R22.5	380 MPT	52,148														
22.5	620/40R22.5	380	52,148	380 MPT	52,148	398MPT	55	381 Flot- master	59								
22.5	620/50R22.5	381 Flotmaster	59														
22.5	650/45-22.5	331	63,106,151														
22.5	650/50R22.5	380 MPT	52,148	885	58	331	63,106,151	328	67,78,106								
22.5	700/50-22.5	331	63,106,151	328 High Speed	67,78,106	328	67,78,106										
22.5	710/40-22.5	343 Forestar	100	344 Forestar	102	643 Forestar III	103	644 Forestar III	104								
22.5	710/40R22.5	398MPT	55	381 Flot- master	59	380 MPT	52,148	388	57	885	58						
22.5	710/50R22.5	381 Flotmaster	59														

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No
22.5	750/45R22.5	380 Heavy Duty	52,148	380 MPT	52,148	398MPT	55	885	58								
22.5	800/35-22.5	328 High Speed	67,78,106	128	72												
24	11.00-24	210 Super Transport Lug	174	356	114	324	22	768 Irrigation	29	FarmPro 324	27						
24	11.25-24	351	86														
24	12.00-24	210 Super Transport Lug	174	314 Mine Service	182												
24	12.4-24	356	114	324	22	FarmPro 324	27	337 DEEP LUG	30	357	26	Tracpro 348	22	768 Irrigation	29		
24	13.00-24	302	127,170	307	171												
24	13.6-24	356	114	324	22	FarmPro 324	27	337 DEEP LUG	30								
24	14.00-24	307	171	309	176												
24	14.00R24	655	167														
24	14.9-24	329	154	533	126,144	356	114	324	22	FarmPro 324	27	768 Irrigation	29	337 DEEP LUG	30	Hi Traction 321	90,128
24	15.5/80-24	533	126,144	324	22												
24	16.00/24	310	173														
24	16.00-24	310	173														
24	16.5/85-24	533	126,144	358	27												
24	16.9-24	329	154	533	126,144	358	27	FarmPro 324	27	Hi Traction 321	90,128	Farmpro TD45	31				
24	16/70-24	326 Wide Grip	139														
24	16/70R24	606	136														
24	17.5/70R24	606	136														
24	17.5L-24	570	125,133,142	533	126,144												
24	17.5LR24	500	129														
24	18.4-24	533	126144	Hi Traction 321	90,128												
24	19.5L-24	533	126144	570	125,133,142												
24	21.0L-24	533	126144														
24	22/70-24	326 Wide Grip	139														
24	250/85R24	FarmPRO Radial 85 and FarmPRO Radial II	16														
24	280/85R24	FarmPRO Radial 85 and FarmPRO Radial II	16														
24	300/80R24	550 Multiuse	19,122,124														
24	320/70R24	Agristar 370	11	FarmPRO Radial 70	14												
24	320/85-24	333	110														
24	320/85R24	Agristar 385	15	"FarmPRO RADIAL 85 and FarmPRO Radial II"	16												
24	340/80R24	550 Multiuse	19,122,124														
24	340/85R24	Agristar 385	15	"FarmPRO RADIAL 85 and FarmPRO Radial II"	16												
24	360/70R24	Agristar 370	11	FarmPRO Radial 70	14												
24	360/80R24	550 Multiuse	19,122,124														
24	380/70-24	370	92,112														
24	380/70R24	Agristar 370	11	FarmPRO Radial 70	14												
24	380/85-24	333	110														
24	380/85R24	Agristar 385	15	"FarmPRO RADIAL 85 and FarmPRO Radial II"	16	Tough Trac 325	129										
24	400/80R24	550 Multiuse	19,122,124	551	21												
24	405/70-24	323	134														
24	405/70R24	580	113,124, 132,140	606	136	608	137										
24	420/65R24	550 Multiuse	19,122,124	365 Agristar	10												
24	420/70-24	370	92,112														

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No
24	420/70R24	Agristar 370	11	FarmPRO Radial 70	14	Agristar 385	15	"FarmPRO RADIAL 85 and FarmPRO Radial II"	16								
24	440/65R24	365 Agri-star	10														
24	440/80-24	Tough Trac 325	129														
24	440/80R24	580	113,124,132,140	550 Multiuse	19,122,124	551	21										
24	445/70R24	570	125,133,142	398MPT	55	606	136										
24	460/65R24	550 Multiuse	19,122,124														
24	460/70R24	550 Multiuse	19,122,124	580	113,124, 132,140	570	125,133,142			608	137						
24	480/65-24	360	47,111														
24	480/65R24	365 Agri-star	10	550 Multiuse	19,122,124	360	47,111										
24	480/70R24	Agristar 370	11	FarmPRO Radial 70	14												
24	495/70R24	570	125,133,142	398MPT	55												
24	500/70R24	550 Multiuse	19,122,124	580	113,124, 132,140	570 Harvester	49										
24	500/85R24	570	125,133,142	570 Harvester	49												
24	540/65R24	365 Agri-star	10	550 Multiuse	19,122,124												
24	8.3-24	324	22	FarmPro 324	27	337 DEEP LUG	30										
24	9.5-24	324	22	FarmPro 324	27	Tracpro 348	22	337 Deep Lug	30								
24.5	600/50R24.5	342 Forestar	100														
24.5	650/45-24.5	343 Forestar	100	344 Forestar	102												
24.5	650/45R24.5	342 Forestar	100														
24.5	710/40-24.5	343 Forestar	100	344 Forestar	102	644 Forestar III	104										
24.5	710/40R24.5	342 Forestar	100														
25	1000/50R25	375 Agri-star	44	377	44												
25	15.5-25	308	169	302	127,170	307	171										
25	15.5R25	650	166	655	167	600	168										
25	16.00-25	310	173														
25	16.00R25	609	177	630	179												
25	17.5-25	308	169	307	171	AL 318	171										
25	17.5R25	690	166	655	167	600	168										
25	18.00-25	AL 318	171,177	AL 315	172												
25	18.00R25	610	177														
25	20.5-25	308	169	307	171	AL 318	171										
25	20.5R25	650	166	655	167												
25	23.5-25	AL 318	171,177														
25	23.5R25	650	166														
25	26.5-25	AL 318	171,177														
25	26.5R25	650	166														
25	29.5-25	AL 318	171,177														
25	385/95R25	636	179	639	179												
25	54X37.00-25	344 Forestar	92,102,152														
26	18.4-26	329	154	533	126,144	356	114	345 Forestar	96	324	22	Hi Traction 321	90,128				
26	23.1-26	329	154	330	155	345 Forestar	96	347	25	Yield Master 349	49	Farmpro 324	27				
26	28L-26	329	154	330	155	345 Forestar	96	Yield Master 349	49								
26	28LR26	390	53,148														
26	480/80R26	550 Multiuse	19,122,124	580	113,124, 132,140												
26	520/80R26	Agriflex 372	9,42	Agriflex+372	8,42												
26	620/70R26	Agriflex+372	8,42	Agristar 370	11	370	92,112										
26	620/75R26	375 Agri-star	44	360	47,111	882	59	390MPT	53,148								
26	710/65R26	390 Heavy Duty	53,148	390	53,148												
26	750/50R26	Multistar 376	46	377	44												
26	750/65R26	360	47,111														
26.5	500/60-26.5	331	63,106,151	331	63,106,151												
26.5	600/50-26.5	331	63,106,151														

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No
26.5	600/50R26.5	398MPT	55														
26.5	600/55-26.5	343 Forestar	100	344 Forestar	102	331	63,106,151	328	67,78,106								
26.5	600/55R26.5	342 Forestar	100	380 Heavy Duty	52,148	390	53,148	398MPT	55	388	57	885	58	882	59	389 Agriflex + (IMP)	61
26.5	620/55R26.5	381 Flotmaster	59														
26.5	650/55R26.5	380 Heavy Duty	52,148	380 MPT	52,148	390	53,148	398MPT	55	885	58	882	59	389 Agriflex + (IMP)	61		
26.5	650/60R26.5	389 Agriflex + (IMP)	61	380 Heavy Duty	52,148												
26.5	650/65-26.5	343 Forestar	100	344 Forestar	102												
26.5	650/65R26.5	380 Heavy Duty	52,148	380 MPT	52,148	885	58										
26.5	700/40-26.5	331	63,106,151														
26.5	700/50-26.5	343 Forestar	100	344 Forestar	102	328	67,78,106										
26.5	710/45-26.5	343 Forestar	100	344 Forestar	102	644 Forestar III	104										
26.5	710/45R26.5	342 Forestar	100														
26.5	710/50R26.5	380 Heavy Duty	52,148	380 MPT	52,148	390	53,148	398MPT	55	885	58	882	59	381 Flotmaster	59	389 Agriflex + (IMP)	61
26.5	710/60-26.5	344 Forestar	92,102,152														
26.5	750/45R26.5	389 Agriflex + (IMP)	61	380 MPT	52,148	885	58										
26.5	750/55-26.5	343 Forestar	100	344 Forestar	102	644 Forestar III	104										
26.5	750/55R26.5	388	57	344	92,152												
26.5	800/40-26.5	343 Forestar	100	344 Forestar	102												
26.5	800/40R26.5	344 Forestar	92,102,152														
26.5	800/45-26.5	331	63,106,151	328	67,78,106												
26.5	800/45R26.5	390	53,148	381 Flotmaster	59												
26.5	850/45-26.5	343 Forestar	100														
26.5	870/45-26.5	344 Forestar	92,102,152														
28	11.2-28	324	22	FarmPro 324	27	Tracpro 348	22										
28	11.25-28	351	86														
28	12.4-28	Tracpro 348	22	324	22	337 DEEP LUG	30										
28	13.6-28	329	154	356	114	324	22	357	26	FarmPro 324	27						
28	14.9-28	302	127,170	356	114	324	22	358	27	FarmPro 324	27	337 DEEP LUG	30	Farm-PRO TD45	31		
28	16.5/85-28	533	126,144	302	127,170												
28	16.9-28	533	126144	302	127,170	Tracpro 348	22	324	22	FarmPro 324	27						
28	18.4-28	533	126144	Farmpro 324	27	304	31										
28	19.5LR28	Agristar 370	11														
28	230/95R28	350	37														
28	250/85R28	FarmPRO Radial 85 and FarmPRO Radial II	16														
28	280/85R28	FarmPRO Radial 85 and FarmPRO Radial II	16														
28	320/70R28	FarmPRO Radial 70	14														
28	320/85R28	FarmPRO Radial 85 and FarmPRO Radial II	16														
28	340/85R28	FarmPRO Radial 85 and FarmPRO Radial II	16														
28	360/70R28	Agristar 370	11	FarmPRO Radial 70	14												
28	380/70-28	370	92,112														
28	380/70R28	Agristar 370	11	FarmPRO Radial 70	14												
28	380/85-28	333	110														
28	380/85R28	Agristar 385	15	"FarmPRO RADIAL 85 and FarmPRO Radial II"	16												
28	400/80R28	550 Multiuse	19,122,124	551	21												
28	420/70-28	370	92,112														
28	420/70R28	Agristar 370	11	FarmPRO Radial 70	14												

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No
28	420/85-28	333	110														
28	420/85R28	Agriflex+372	8,42	Agristar 385	15	Agriflex 372	9,42										
28	440/65R28	365 Agri-star	10														
28	440/80R28	580	113,124,132,140	550 Multiuse	19,122,124												
28	480/65-28	360	47,111														
28	480/65R28	365 Agri-star	10	550 Multiuse	19,122,124												
28	480/70-28	370	92,112														
28	480/70R28	Agristar 370	11	FarmPRO Radial 70	14												
28	540/65-28	360	47,111														
28	540/65R28	365 Agri-star	10	550 Multiuse	19,122,124												
28	600/60-28	342 Forestar	100														
28	600/60R28	Agriflex+372	8,42	342 Forestar	100	365 Agri-star VF	10	365 Agri-star	10	Agriflex 372	9,42	360	47,111				
28	600/70R28	Agriflex+372	8,42	Agriflex 372	9,42	Agristar 370	11	FarmPRO Radial 70	14								
28	600/70R28CFO	Agriflex+372	8,42														
28	8.3-28	324	22														
28.5	710/55-28.5	644 Forestar III	104														
28.5	780/50-28.5	644 Forestar III	104	643 Forestar III	103												
30	14.9-30	356	114	324	22												
30	16.9-30	533	126144	356	114	345 Forestar	96	Tracpro 348	22	324	22	FarmPro 324	27				
30	16.9R30	387	18														
30	18.4-30	356	114	345 Forestar	96	Tracpro 348	22	324	22	FarmPro 324	27						
30	19.5LR30	Agristar 370	11														
30	23.1-30	347	25	Farmpro 324	27	Farmpro TD23	26										
30	380/85R30	FarmPRO Radial 85 and FarmPRO Radial II	16	Agriflex+354	34												
30	420/70R30	FarmPRO Radial 70	14														
30	420/85-30	333	110														
30	420/85R30	Agristar 385	15	"FarmPRO RADIAL 85 and FarmPRO Radial II"	16												
30	420/90R30	FarmPRO Radial 85 and FarmPRO Radial II	16	Agriflex+354	34	Agri Star 374	21										
30	440/80R30	550 Multiuse	19,122,124														
30	460/85-30	333	110														
30	460/85R30	FarmPRO Radial 85 and FarmPRO Radial II	16														
30	480/70R30	Agristar 370	11	FarmPRO Radial 70	14												
30	480/80R30	550 Multiuse	19,122,124														
30	500/85R30	570 Harvester	49														
30	520/70R30	FarmPRO Radial 70	14														
30	540/65-30	360	47,111														
30	540/65R30	365 Agri-star	10	550 Multiuse	19,122,124	360	47,111	551	21								
30	540/70-30	360	47,111														
30	600/60R30	Agriflex+372	8,42														
30	600/65R30	365 Agri-star	10														
30	600/70R30	Agriflex+372	8,42	Agriflex 372	9,42	370	92,112	Agristar 370	11	FarmPRO Radial 70	14	550 Multiuse	19,122,124				
30	620/70R30	570 Harvester	49														
30	620/75R30	Agristar XL 378	9	Agriflex 372	9,42	Agriflex+372	8,42										
30	710/55R30	Agristar XL 378	9	Agriflex+372	8,42												
30	710/60R30	Agristar XL 378	9	Agriflex+372	8,42												
30.5	600/60-30.5	331	63,106,151	390 Heavy Duty	53,148	390	53,148										
30.5	650/60-30.5	328	67,78,106														
30.5	650/65R30.5	380 Heavy Duty	52,148														
30.5	700/50-30.5	331	63,106,151	644 Forestar III*	104												
30.5	710/50R30.5	390 Heavy Duty	53,148	885	58	331 Radial	63,106,151										

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No
30.5	750/60-30.5	328 High Speed	67,78,106														
30.5	750/60R30.5	380 MPT	52,148	390	53,148	885	58	882	59	389 Agriflex + (IMP)	61						
30.5	800/45-30.5	331	63,106,151	328	67,78,106												
30.5	800/45R30.5	885	58														
30.5	850/50-30.5	328	67,78,106														
30.5	850/50R30.5	390	53,148														
32	1050/50R32	375 Agri-star	44	Multistar 376	46	377	44										
32	12.4-32	324	22	337 DEEP LUG	30												
32	1250/50R32	Agriflex+372	8,42														
32	210/95R32	350	37														
32	230/95R32	350	37														
32	24.5-32	345 Forestar	96	347	25	Farmpro TD23	26										
32	24.5R32	360	47,111														
32	270/95R32	350	37														
32	30.5L-32	345 Forestar	96	Yeild Master 349	49	360	47,111	390	53,148								
32	320/85R32	FarmPRO Radial 85 and FarmPRO Radial II	16														
32	35.5L-32	345 Forestar	96														
32	35.5LR32	393	57														
32	650/75R32	330	155	375 Agri-star	44	360	47,111										
32	680/85R32	Multistar 376	46	FarmPRO RADIAL 85 and FarmPRO II R-1W	16												
32	800/60R32	330	155	380 Heavy Duty	52,148	390	53,148	Agriflex+372	8,42	Agriflex 372	9,42	375 Agri-star	44	360	47,111		
32	800/70R32	Agriflex 372	9,42	375 Agri-star	44	Agriflex+372	8,42										
32	9.5-32	324	22														
32	900/60R32	Agriflex 372	9,42	375 Agri-star	44	Multistar 376	46	Agriflex+372	8,42								
32	900/75R32	375 Agri-star	44														
32	VF800/60R32	389 Agriflex + (IMP)	61														
34	16.9/14-34	324	22														
34	16.9-34	356	114	FarmPro 324	27	337 DEEP LUG	30										
34	18.4-34	385	113	345 Forestar	96	324	22	FarmPro 324	27								
34	23.1-34	347	25														
34	320/85R34	FarmPRO Radial 85 and FarmPRO Radial II	16	350	37												
34	380/85R34	Agistar 385	15	"FarmPRO RADIAL 85 and FarmPRO Radial II"	16	Agriflex+354	34										
34	420/85-34	333	110														
34	420/85R34	Agriflex 354	35	Agistar 385	15	FarmPRO RADIAL 85 and FarmPRO Radial II	16	Agriflex+354	34								
34	440/80R34	550 Multiuse	19,122,124	551	21												
34	460/85-34	333	110														
34	460/85R34	Agistar 385	15	"FarmPRO RADIAL 85 and FarmPRO Radial II"	16												
34	480/70-34	370	92,112														
34	480/70R34	Agistar 370	11	FarmPRO Radial 70	14	Agriflex+354	34	Agri Star 374	21								
34	480/80R34	550 Multiuse	19,122,124	551	21												
34	520/70-34	370	92,112														
34	520/70R34	Agistar 370	11	FarmPRO Radial 70	14												
34	540/65R34	365 Agri-star	10														
34	600/65-34	346 Forestar	103														
34	600/65R34	342 Forestar	100	365 Agri-star	10	388	57										
34	600/70R34	Agistar XL 378	9	Agriflex+372	8,42												

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No
34	620/75R34	375 Agri-star	44														
34	650/60R34	388	57														
34	650/65R34	Agriflex 372	9,42	Agriflex+372	8,42												
34	700/55-34	346 Forestar	103														
34	700/70-34	346 Forestar	103														
34	710/55R34	342 Forestar	100	388	57												
34	710/60R34	Agristar XL 378	9	Agriflex+372	8,42												
34	710/75R34	375 Agri-star	44														
34	800/50R34	388	57														
34	850/45R34	388	57														
36	12.4-36	324	22	357	26	FarmPro 324	27	337 Deep Lug	30								
36	13.6-36	347	25	FarmPro 324	27	304	31										
36	210/95R36	350	37														
36	230/95R36	350	37														
36	270/95R36	350	37														
36	320/85R36	FarmPRO Radial 85 and FarmPRO Radial II	16														
36	340/85R36	FarmPRO Radial 85 and FarmPRO Radial II	16														
36	9.5-36	324	22														
38	11.2-38	768 Irrigation	29														
38	13.6-38	357	26	Farmpro 324	27	304	31										
38	14.00-38	357	26														
38	15.5-38	357	26	358	27	FarmPro 324	27										
38	16.9-38	356	114	347	25	FarmPro 324	27	Farmpro TD23	26								
38	18.4-38	356	114	347	25	357	26	FarmPro 324	27	Farmpro TD45	31	345 Forestar	96				
38	20.8-38	385	113	347	25	Farmpro TD23	26	Farmpro 324	27								
38	270/95-38	324	22														
38	270/95R38	350	37														
38	320/85R38	FarmPRO Radial 85 and FarmPRO Radial II	16														
38	340/85R38	FarmPRO Radial 85 and FarmPRO Radial II	16	Agriflex+ 354	34	Agriflex 354	35	Agristar 385	15								
38	380/95R38	Agriflex 354	35	Agriflex+ 354	34												
38	420/85-38	333	110														
38	420/85R38	Agristar 385	15	"FarmPRO RADIAL 85 and FarmPRO Radial II"	16												
38	460/85-38	333	110														
38	460/85R38	Agristar 385	15	"FarmPRO RADIAL 85 and FarmPRO Radial II"	16												
38	480/70-38	370	92,112														
38	480/70R38	Agristar 370	11	FarmPRO Radial 70	14												
38	480/80R38	550 Multiuse	19,122,124														
38	520/70-38	370	92,112														
38	520/70R38	Agristar 370	11	FarmPRO Radial 70	14												
38	520/85-38	333	110														
38	520/85R38	Agriflex+372	8,42	Agristar 385	15	"FarmPRO RADIAL 85 and FarmPRO Radial II"	16	Agriflex 372	9,42								
38	540/65-38	360	47,111														
38	540/65R38	365 Agri-star	10	360	47,111												
38	540/80R38	550 Multiuse	19,122,124														
38	580/70-38	370	92,112														
38	580/70R38	Agristar 370	11	FarmPRO Radial 70	14												

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No
38	600/65-38	360	47,111														
38	600/65R38	550 Multiuse	19,122,124	365 Agri-star	10	360	47,111										
38	650/65-38	342 Forestar	100														
38	650/65R38	342 Forestar	100	365 Agri-star	10	550 Multiuse	19,122,124	360	47,111								
38	650/75-38	360	47,111														
38	650/75R38	Agristar XL 378	9	Agriflex+372	8,42												
38	650/85R38	Agristar 385	15														
38	710/60R38	Agriflex+372	8,42														
38	710/70R38	Agriflex+372	8,42	365 Agri-star	10	Agristar 370	11	FarmPRO Radial 70	14	360	47,111						
38	710/85R38	Agriflex 372	9,42	Agriflex+372	8,42												
38	800/70R38	Agristar 370	11	Agriflex 372	9,42	Farmpro Radial 70	14										
38	900/55R38	Agristar XL 378	9														
38	900/60R38	Agristar XL 378	9	Agriflex 372	9,42	Agriflex+372	8,42										
40	230/95R40 (9.5R40)*	350	37														
42	230/95R42	350	37														
42	270/95R42	350	37														
42	320/80R42	FarmPRO Radial 85 and FarmPRO Radial II	16														
42	320/90R42	FarmPRO Radial 85 and FarmPRO Radial II	16														
42	480/80R42	FarmPRO Radial 85 and FarmPRO Radial II	16	Agriflex+354	34												
42	520/85-42	333	110														
42	520/85R42	Agriflex+372	8,42	Agristar 385	15	*FarmPRO RADIAL 85 and FarmPRO Radial II*	16	Agriflex 372	9,42	Agri Star 374	21						
42	580/70R42	Agristar 370	11														
42	580/85R42	Agriflex 372	9,42	Agriflex+372	8,42												
42	620/70R42	Agriflex+372	8,42	360	47,111												
42	620/80R42	550 Multiuse	19,122,124														
42	650/65R42	360	47,111	365 Agri-star VF	10	365 Agri-star	10	550 Multiuse	19,122,124	551	21						
42	710/60R42	Agriflex+372	8,42														
42	710/70R42	Agriflex 372	9,42	365	111	Agriflex+372	8,42	365 Agri-star	10	Agristar 370	11	Farm-PRO Radial 70	14	550 Multiuse	19,122,124		
42	710/75R42	Agriflex+372	8,42	Agristar XL 378	9	Agriflex 372	9,42										
42	900/50R42	Agristar XL 378	9	Agriflex+372	8,42												
42	900/60R42	Agristar XL 378	9	Agriflex+372	8,42												
44	210/95R44	350	37														
44	230/95R44	350	37														
44	270/95R44	350	37														
46	270/95R46	350	37														
46	300/95R46	350	37														
46	320/105R46	Agriflex 354	35	Agriflex+ 354	34												
46	320/90R46	Agriflex 354	35	FarmPRO RADIAL 85 and FarmPRO Radial II	16	Agriflex 363	36	Agriflex+ 354	34								
46	340/85R46	350	37														
46	380/105R46	350	37														
46	380/90R46	Agriflex+ 354	34	Agriflex 354	35	Agriflex+ 363	35	FarmPRO RADIAL 85 and FarmPRO Radial II	16	Agriflex 363	36	350	37				
46	420/80R46	Agristar 385	15														

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No	Pattern	Page No
46	480/80R46	Agristar 385	15	FarmPRO RADIAL 85 and FarmPRO Radial II	16	Agriflex+354	34	Agri Star 374	21								
46	520/85R46	Agristar 385	15	FarmPRO RADIAL 85 and FarmPRO Radial II	16	Agriflex+ 354	34	Agriflex 354	35	375 Agri- star	44	Agri Star 374	21				
46	620/70R46	Multistar 376	46														
46	710/65R46	Agriflex+372	8,42														
48	230/95R48	Agriflex+ 363	35	350	37												
48	270/95R48	Agriflex+ 363	35	350	37												
48	340/85R48	Agriflex 354	35	350	37	Agriflex+354	34										
50	320/105R50	Agriflex 354	35	Agriflex+354	34												
50	320/90R50	Agriflex+ 354	34	Agriflex 354	35	350	37	Agri- flex+363	35								
50	380/105R50	350	37	Agriflex+354	34												
50	380/90R50	Agriflex 354	35	350	37	Agriflex+ 354	34										
50	420/95R50	Agriflex+ 354	34														
50	480/80R50	Agriflex 354	35	Agristar 385	15	Agriflex+ 354	34	Agriflex 363	36	374 Agristar	21						
50	480/95R50	Agriflex+ 354	34	Agriflex 354	35												
52	300/95R52	350	37														
54	230/115R54	Agriflex 354	35	Agriflex+354	34												
54	270/105R54	Agriflex 354	35	Agriflex+ 354	34												
54	270/95R54	Agriflex+ 363	35	350	37												
54	320/105R54	Agriflex 354	35	Agriflex+354	34												
54	320/90R54	Agriflex 354	35	350	37	Agriflex+354	34										
54	380/105R54	Agriflex 354	35	Agriflex+ 354	34												
54	380/90R54	Agriflex 354	35	350	37	Agriflex+354	34										

NOTES

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