

ATG

BETTER VALUE.
SMARTER CHOICE.

FORESTRY TYRE RANGE

 **ALLIANCE**
ENGINEERED TO KEEP YOU AHEAD





ABOUT ALLIANCE

ALLIANCE TIRE GROUP

Alliance Tire Group (ATG) specializes in the development, manufacturing and sale of Off-Highway Tyres. One of the fastest growing Off-Highway Tyre companies, ATG has a wide range of products for Agricultural, Forestry, Industrial and OTR tyres. ATG owns three world-renowned brands – Alliance, Galaxy and Primex.

ALLIANCE

Established in Israel in 1950, Alliance has a range of over 1000 specialized items, each product is 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 tyre for your needs.

Alliance is the market leader in Row Crop and a pioneer in Flotation tyres. Alliance also boasts of a very comprehensive lineup of tyres for tractors, sprayers and spreaders. It offers the widest range in terms of pricing, sizes and patterns, which are available for varied applications which include Agriculture, Industrial / OTR and Forestry machines. Alliance range of radial tyres is popular with leading OEMs and the after-market.

Alliance offers a wide range of tyres for forestry machines such as Log Skidders, Harvesters, Forwarders, Tractors and Trailers. Alliance LS-2 tyres for Skidders, Harvesters and Forwarders are built with special forestry compound that resist cutting and chipping. Additionally these tyres are reinforced with steel belts to prevent punctures. Alliance Agro-forestry tyres for forestry tractors are also built with steel belts, as are the trailer tyres. Alliance forestry tyres are designed to operate efficiently in tough forestry conditions.

Logskidder	<p>Page 3</p> <p>F345 LS-2</p> <p>SC A6</p>		
Forwarder & Harvester	<p>Page 7</p> <p>F342 LS-2</p> <p>H SC A8</p>	<p>Page 8</p> <p>F343 LS-2</p> <p>H SC A8</p>	<p>Page 10</p> <p>F344 LS-2</p> <p>H SC A8</p>
	<p>Page 12</p> <p>F346 LS-2</p> <p>SC A8</p>		
	Forestry Flotation/Trailers	<p>Page 15</p> <p>F328 I-3</p> <p>SC A8</p>	<p>Page 16</p> <p>F331 I-3</p> <p>SC A8</p>
<p>Page 21</p> <p>F333 R-1</p> <p>SC A8/B</p>		<p>Page 22</p> <p>F347 R-1</p> <p>SC H A8</p>	<p>Page 23</p> <p>F360 R-1W</p> <p>H A8</p>
Agro Forestry		<p>Page 24</p> <p>F365 R-1W</p> <p>SC H B</p>	<p>Page 25</p> <p>F370 R-1W</p> <p>H A8</p>
	<p>Page 28</p> <p>F580 R-1</p> <p>SC H A8</p>	<p>Page 29</p> <p>F356 R-1</p> <p>SC A8</p>	

LOG SKIDDERS

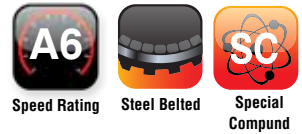


LS-2



F345

Alliance 345 Forestry Flotation LS-2 is a bias belted tyre with steel reinforcement for high puncture resistance. The tyre uses special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tyre 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 tyre 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)						cable/grapple skidders	
		SW	OD					logging or forestry service						bar psi	10
mm in	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	10	1.8	6970	3100	2840	2580	2320	2.1	3610	
						141A6	26	15350	6830	6260	5680	5110	30	7950	
						153A2									
						14	2.5	8510	3780	3470	3150	2840	2.9	4410	
						148A6	36	18740	8330	7640	6940	6260	42	9710	
						159A2									
23.1-26	DW20A	587 23.1	1610 63.4	734 28.9	4781 188.2	10	1.4	8780	3900	3580	3250	2930	1.7	4550	
						149A6	20	19340	8590	7890	7160	6450	25	10020	
						160A2									
						14	2.1	11140	4950	4540	4125	3710	2.4	5780	
						157A6	30	24540	10900	10000	9090	8170	35	12730	
						169A2									
						16	2.4	12040	5350	4910	4460	4010	2.75	6240	
						160A6	35	26520	11780	10810	9820	8830	40	13740	
						172A2									

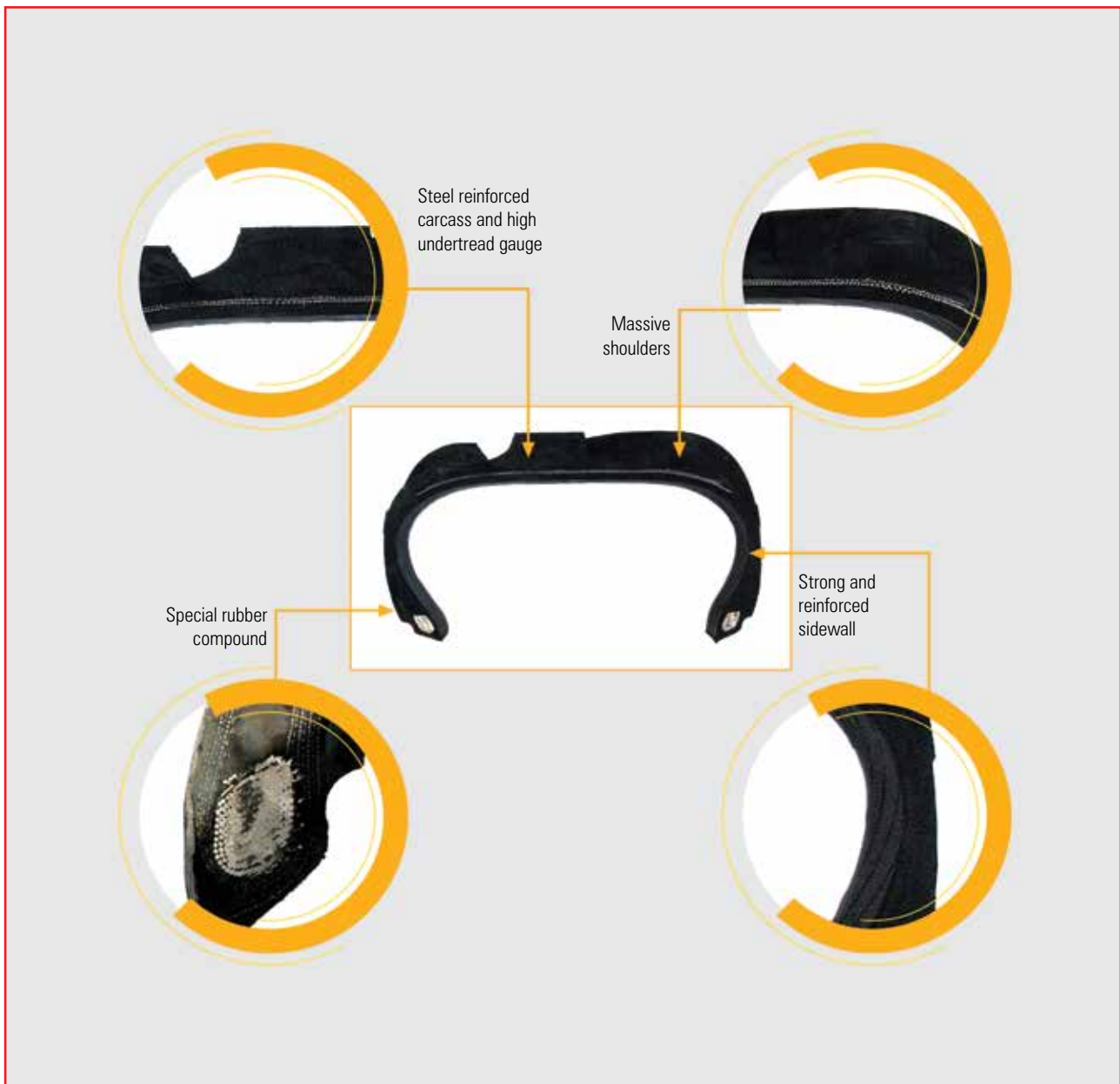
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application								
		SW	OD					Speed, km/h (mph)						Recommended load, kg (lbs)		
		mm in	mm in	logging or forestry service					cable/grapple skidders							
				Static	15 9			25 16	30 19	40 25	50 31	bar psi	10 6			
28L-26	DW25A	715 28.1	1638 64.5	746 29.4	4861 191.4	12	1.4	10130	4500	4130	3750	3380		1.7	5250	
						154A6	20	22310	9910	9100	8260	7440		25	11560	
						166A2										
						16	1.9	12260	5450	4990	4540	4090		2.3	6360	
						160A6	28	27000	12000	10990	10000	9010		33	14010	
						172A2										
						20	2.4	13910	6180	5670	5150	4640		2.8	7210	
						165A6	35	30640	13610	12490	11340	10220		41	15880	
						177A2										
						26	3.6	17550	7800	7150	6500	5850		3.9	9100	
173A6	52	38660	17180	15750	14320	12890		57	20040							
184A2																
16.9-30	DW15A	429 16.9	1504 59.2	696 27.4	4508 177.5	14	2.9	8510	3780	3470	3150	2840		3.3	4410	
						148A6	42	18740	8330	7640	6940	6260		48	9710	
						159A2										
18.4-30	DW16A	470 18.5	1547 60.9	723.5 28.5	4667 183.7	14	2.5	8780	3900	3580	3250	2930		2.9	4550	
							36	19340	8590	7890	7160	6450		42	10020	
24.5-32	DW21A	622 24.5	1817 71.5	833 32.8	5414 213.1	16	2.1	13500	6000	5500	5000	4500		2.4	7000	
						164A6	30	29740	13220	12110	11010	9910		35	15420	
						176A2										
						20	2.7	15660	6960	6380	5800	5220		3.1	8250	
						169A6	39	34490	15330	14050	12780	11500		45	18170	
181A2																
30.5L-32	DW27A DH27	775 30.5	1847 72.7	846 33.3	5500 216.5	12	1.4	12830	5700	5230	4750	4280		1.7	6650	
						162A6	20	28260	12560	11520	10460	9430		25	11600	
						174A2										
						16PR	1.7	14310	6360	5830	5300	4770	-	2.05	7420	
						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										
						20	2.15	19170	8520	7810	7150	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							
188A2																
35.5L-32	DH31	896 35.3	2010 79.1	919 36.2	5979 235.4	20	1.8	19710	8760	8030	7300	6570		2.15	10300	
						177A6	26	43410	19300	17690	16080	14470		31	22690	
						189A2										
						26	2.4	23630	10500	9630	8750	7880		2.8	12150	
						183A6	35	52050	23130	21210	19270	17360		41	26760	
195A2																
18.4-34	DW16A	467 18.4	1656 65.2	768 30.2	4971 195.7	10	1.8	7530	3350	3070	2790	2510		2.1	3910	
						144A6	26	16590	7380	6760	6150	5530		30	8610	
						155A2										
						14	2.5	9050	4020	3690	3350	3020		2.9	4690	
						150A6	36	19930	8850	8130	7380	6650		42	10330	
162A2																

Construction characteristics of Alliance forestry tyres

Main construction characteristics:

- Strong nylon casing
- Steel breakers
- High undertread and sidewall gauges
- Special tread rubber compound
- Protective mudguard

The tyres come with a promise of long life under severe conditions in the forests, as well as smooth and long lasting work in agriculture.



A photograph of a forest with tall, thin trees. Sunlight is streaming through the trees, creating a hazy, golden atmosphere. The trees are mostly bare, suggesting a late autumn or winter setting. The sun is positioned in the upper left, casting long, soft shadows and creating a lens flare effect. The overall mood is serene and contemplative.

FORWARDER AND HARVESTERS

LS-2



FORESTRY TRACTOR



FOREST-HARVESTER



FORESTRY FORWARDER



F342 Radial

Alliance 342 Radial Forestry series 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 tyre is steel reinforced under the tread area to prevent punctures during forestry operations. The special compound used in the tyre sidewall structure enables high stability of forestry tractors at high tilt angles. The special rubber compounds used for the tread and sidewall gives long, efficient protection from chipping and chunking which are the major concerns in forestry operations.



Speed Rating



Steel Belted



Special Compound



Traction

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	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	3754	20 161A8	5	10640	6940	5690	4950	4625	4210	4625	5690
		25	48.2	22.2	147.8	168A2	73	23440	15290	12530	10900	10190	9270	10190	12530
710/40R24.5	AG24.00	710	1230	569.4	3754	163A8	5	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	4090	165A8	5	11850	7730	6330	5510	5150	4690	5150	6280
		23.6	52.8	24.5	161	172A2	73	26100	17030	13940	12140	11340	10330	11340	13830
710/45R26.5	AG24.00	714	1334	621	4110	168A8	5	12880	8400	6890	5990	5600	5100	5600	6830
		28.1	52.5	24.4	161.8	175A2	73	28370	18500	15180	13190	12330	11230	12330	15040
600/60-28 (Diagonal)	DW20B	616	1448	672	4427	16 159A8	3.2	10060	6560	5380	4680	4375	3980	4375	5450
	DW18B	24.3	57	26.5	174.3	167A2	46	22160	14450	11850	10310	9640	8770	9640	12000
600/60R28	DW20B	616	1420	660	4348	159A8	3.2	10060	6560	5380	4680	4375	3980	4375	5450
	DW18B	24.3	55.9	26	171.2	167A2	46	22160	14450	11850	10310	9640	8770	9640	12000
600/65R34	DW20B	610	1642	772	4976	165A8	4	11850	7730	6330	5510	5150	4690	5150	6330
		24	64.6	30.4	195.9	172A2	58	26100	17030	13940	12140	11340	10330	11340	13940
710/55R34	DW24B	720	1644	770	4998	171A8	4	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 (Diagonal)	DW20B	660	1840	850	5586	16 171A8	3.2	14150	9230	7560	6580	6150	5600	6150	7660
	DW18B	26	72.4	33.5	219.9	179A2	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



FOREST-HARVESTER FORESTRY FORWARDER

F343 FORESTAR



Alliance FORESTAR 343 Flotation tyre represents the most sophisticated design for application in forestry machines such as harvesters and forwarders. This tyre 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. Thus the F343 can be used with bogie tracks. Some of its features are strong steel breakers, basic nylon tyre structure, special durable tread compound, high under tread gauge and strong & thick sidewalls.



Traction



Speed Rating



Steel Belted



Special Compound

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application									
		SW	OD					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					
600/50-22.5	20.00DC	585 23	1163 45.8	543 21.4	3506 138	16	3.2	7480	4550	4000	3480	3250	—	3250	4000		
						149A8	46	16480	10020	8810	7670	7160	—	7160	8810		
						156A2											
						24	5.5	11500	7000	6150	5350	5000	—	5000	6150		
710/40-22.5	24.00DC	710 28	1170 46.1	546 21.5	3526 138.8	16	3.2	8170	4970	4370	3800	3550	—	3550	4370		
						152A8	46	18000	10950	9630	8370	7820	—	7820	9630		
						159A2											
						20	5	11210	6830	6000	5220	4875	—	4875	6000		
710/40-24.5	24.00DC	710 28	1235 48.6	582 22.9	3713 146.2	163A8	73	24690	15040	13220	11500	10740	—	10740	13220		
						170A2											
						16	4	9780	5950	5230	4550	4250	—	4250	5230		
						158A8	58	21540	13110	11520	10020	9360	—	9360	11520		
600/55-26.5	20.00DC	600 23.6	1340 52.8	620 24.4	4017 158.1	166A2											
						20	5	11850	7210	6330	5510	5150	—	5150	6330		
						165A8	73	26100	15880	13940	12140	11340	—	11340	13940		
						172A2											
650/65-26.5	20.00DC	657 25.9	1485 58.5	690 27.2	4462 175.7	16	4	13340	8120	7130	6210	5800	—	5800	7130		
						169A8	58	29380	17890	15700	13680	12780	—	12780	15700		
						176A2											
						20	5	15410	9380	8240	7170	6700	—	6700	8240		
650/65-26.5	20.00DC	657 25.9	1485 58.5	690 27.2	4462 175.7	174A8	73	33940	20660	18150	15790	14760	—	14760	18150		
						181A2											

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			
		SW	OD	Drive wheel						Forestry use							
		mm in	mm in	mm in	mm in			mm in	mm in	mm in	mm in	mm in	mm in	mm in	10*HT 6*HT	10*LT 6*LT	
710/45-26.5	24.00DC	710 28	1340 52.8	620 24.4	4017 158.1	16	4	10640	6480	5690	4950	4625	—	4625	5690		
						161A8	58	23440	14270	12530	10900	10190	—	10190	12530		
						168A2											
						20	5	12880	7840	6890	5990	5600	—	5600	6890		
						168A8	73	28370	17270	15180	13190	12330	—	12330	15180		
						175A2											
		24	6	14950	9100	8000	6960	6500	—	6500	8000						
		173A8	87	32930	20040	17620	15330	14320	—	14320	17620						
		180A2															
		16	4	14490	8820	7750	6740	6300	—	6300	7750						
		172A8	58	31920	19430	17070	14850	13880	—	13880	17070						
		179A2															
750/55-26.5	24.00DC	750 29.5	1485 58.5	690 27.2	4462 175.7	20	5	16790	10220	8980	7810	7300	—	7300	8980		
						177A8	73	36980	22510	19780	17200	16080	—	16080	19780		
						184A2											
						26	6.5	20700	12600	11070	9630	9000	—	9000	10980		
						184A8	94	45590	27750	24380	21210	19820	—	19820	24190		
						191A2											
800/40-26.5	28.00DC	800 31.5	1340 52.8	620 24.4	4017 158.1	16	4	11210	6830	6000	5220	4875	—	4875	6000		
						163A8	58	24690	15040	13220	11500	10740	—	10740	13220		
						170A2											
						20	5	13800	8400	7380	6420	6000	—	6000	7380		
						170A8	73	30400	18500	16260	14140	13220	—	13220	16260		
						177A2											
850/45-26.5	28.00DC	840 33.1	1485 58.5	690 27.2	4462 175.7	20PR	5	18400	11200	9840	8560	8000	—	8000	9840		
						180A8	73	40530	24670	21670	18850	17620	—	17620	21670		
						187A2											



FOREST-TRAILER FOREST-HARVESTER FORESTRY FORWARDER

F344 FORESTAR



FORESTRY 344 Flotation LS-2 is a bias belted tyre with steel reinforcement for high puncture resistance. The tyre uses special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tyre 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 tyre reduces rolling resistance on hard surfaces. The 344 is designed to handle various terrains without chains/bogie trucks. However are still compatible with chains & bogie trucks when extra traction and performance is needed.



Traction



Speed Rating



Steel Belted



Special Compound

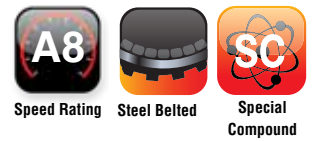
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application							
		SW	OD					Speed, km/h (mph)						Forestry use	
								Recommended load, kg (lbs)						10*HT	10*LT
		mm in	mm in					Drive wheel					6*HT	6*LT	
600/50-22.5	20.00DC	600	1170	540	3502	16	3.2	7940	4830	4240	3690	3450	3450	4240	
		23.6	46.1	21.3	137.9	151A8	46	17490	10640	9340	8130	7600	7600	9340	
						158A2									
710/40-22.5	24.00DC	700	1170	540	3502	16	3.6	8630	5250	4610	4010	3750	3750	4610	
		27.6	46.1	21.3	137.9	154A8	52	19010	11560	10150	8830	8260	8260	10150	
						161A2									
		20	4	9200	5600	4920	4280	4000	4000	4920					
710/40-24.5	AG24.00	710	1230	579	3725	20	5	11210	6830	6000	5220	4875	4875	6000	
		28	48.4	22.8	146.7	163A8	73	24690	15040	13220	11500	10740	10740	13220	
						170A2									
650/45-24.5	AG22.0	640	1234	579	3720	20	5	10640	6480	5690	4950	4625	4625	5690	
		25.2	48.6	22.8	146.5	161A8	73	23440	14270	12530	10900	10190	10190	12530	
						168A2									
54x37.00-25	VA32	920	1435	672	4365	12	2.4	9780	5950	5230	4550	4250	4250	5950	
		36.2	56.5	26.5	171.9	158A8	35	21540	13110	11520	10020	9360	9360	13110	
						166A2									
		20	4	12650	7700	6770	5890	5500	5500	7700					
				167A8	58	27860	16960	14910	12970	12110	12110	16960			
				174A2											

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application								
		SW	OD					Speed, km/h (mph)								
		Recommended load, kg (lbs)								Forestry use						
		mm in	mm in	mm in	mm in			Drive wheel					10°HT 6°HT	10°LT 6°LT		
600/55-26.5	20.00DC	620 24.4	1340 52.8	619 24.4	4016 158.1	20	5	11850	7210	6330	5510	5150		5150	6330	
						165A8	73	26100	15880	13940	12140	11340		11340	13940	
						172A2										
						24	6	13800	8400	7380	6420	6000		6000	7380	
						170A8	87	30400	18500	16260	14140	13220		13220	16260	
650/65-26.5	20.00DC	650 25.6	1485 58.5	690 27.2	4462 175.7	16	4	13340	8120	7130	6210	5800		5800	7130	
						169A8	58	29380	17890	15700	13680	12780		12780	15700	
						176A2										
						20	5	15410	9380	8240	7170	6700		6700	8240	
						174A8	73	33940	20660	18150	15790	14760		14760	18150	
700/50-26.5	24.00DC	710 28	1340 52.8	620 24.4	4016 158.1	20	5	12880	7840	6220	5990	5600		5600	6890	
						168A8	73	28370	17270	13700	13190	12330		12330	15180	
						175A2										
						16	4	10640	6480	5690	4950	4625		4625	5690	
						161A8	58	23440	14270	12530	10900	10190		10190	12530	
710/45-26.5	24.00DC	710 28	1340 52.8	620 24.4	4016 158.1	20	5	12880	7840	6890	5990	5600		5600	6890	
						168A8	73	28370	17270	15180	13190	12330		12330	15180	
						175A2										
						24	6	14950	9100	8000	6960	6500		6500	8000	
						173A8	87	32930	20040	17620	15330	14320		14320	17620	
710/60-26.5	AG20.00	705 27.8	1490 58.7	692 27.2	4476 176.2	20	5	16790	10220	8980	7810	7300		7300	8980	
						177A8	73	36980	22510	19780	17200	16080		16080	19780	
						184A2										
						16	4	14490	8820	7750	6740	6300		6300	7750	
						172A8	58	31920	19430	17070	14850	13880		13880	17070	
750/55-26.5	24.00DC	750 29.5	1485 58.5	690 27.2	4462 175.7	179A2										
						20	5	16790	10220	8980	7810	7300		7300	8980	
						177A8	73	36980	22510	19780	17200	16080		16080	19780	
						184A2										
						20	4.5	13800	8400	7380	6420	6000		6000	7380	
800/40-26.5	28.00DC	800 31.5	1340 52.8	620 24.4	4016 158.1	170A8	65	30400	18500	16260	14140	13220		13220	16260	
						177A2										
						20	4.5	13800	9000	7380	6420	6000		6000	7380	
800/40R26.5 (Radial)	AG28.00	800 31.5	1324 52.8	610 24.4	4037 158.1	170A8	65	30400	19820	16260	14140	13220		13220	16260	
						177A2										
						20	4	13800	8400	7380	6420	6000		6000	7380	
870/45-26.5	AG28.00	870 34.3	1430 56.3	666.54 26.2	4385 172.6	170A8	58	30400	18500	16260	14140	13220		13220	16260	
						177A2										
						20	4	13800	8400	7380	6420	6000		6000	7380	



F346 FORESTAR

FORESTAR 346 Forestry Flotation LS-2 is a bias belted tyre with steel reinforcement for high puncture resistance. The tyre uses special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tyre 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 tyre reduces rolling resistance on hard surfaces. The 346 is designed to handle various terrains and can also be used with chains.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application							
		SW	OD					Speed, km/h (mph)						Forestry use	
								Recommended load, kg (lbs)						10*HT	10*LT
		mm in	mm in					Drive wheel					6*HT	6*LT	
600/65-34	DW20A	600 23.6	1640 64.6	762 30	4927 194	14	2.4	9490	5780	5070	4410	4125	4125	5070	
						157A8	35	20900	12730	11170	9710	9090	9090	11170	
						164A2									
						16	4.5	10350	6300	5540	4820	4500	4500	5450	
						160A8	65	22800	13880	12200	10620	9910	9910	12000	
						167A2									
700/55-34	DW24A	700 27.6	1650 65	766 30.2	4955 195.1	14	2.4	10640	6480	5690	4950	4625	4625	5690	
						161A8	35	23440	14270	12530	10900	10190	10190	12530	
						168A2									
						20	4.5	11500	7000	6150	5350	5000	5000	6150	
						164A8	65	25330	15420	13550	11780	11010	11010	13550	
171A2															
700/70-34	DW20A	721 28.4	1850 72.8	863 34	5572 219.4	20	4.2	14950	9100	8000	6960	6500	6500	8000	
						173A8	61	32930	20040	17620	15330	14320	14320	17620	
						180A2									

FORESTRY FLOTATION AND TRAILER



I-3



FOREST-HARVESTER FOREST-TRAILER



F328

Alliance 328 Heavy Duty Flotation tyre is a specially designed tyre constructed to carry heavy loads and is used in harsh conditions. The tyre 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 tyre's construction. This tyre is ideal for trailers, forestry trailers and forest harvesters.



Special Compound



Speed Rating



Steel Belled

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application									
		SW mm in	OD mm in					Speed, km/h (mph)						Recommended load, kg (lbs)			
				Drive wheel						Forestry use							
				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	15.9	34	380 15	2509 98.8	12	3.5	6670	4060	3220	3100	2900	-	2900	3570		
							145A8	51	14690	8940	7090	6830	6390	-	6390	7860	
							153A2										
							16	4	7250	4410	3500	3370	3150	-	3150	3870	
							148A8	58	15970	9710	7710	7420	6940	-	6940	8520	
							155A2										
							20	5	8170	4970	3940	3800	3550	-	3550	4370	
							152A8	73	18000	10950	8680	8370	7820	-	7820	9630	
							159A2										
							500/60-15.5	16.00DC	19.8	39.1	439 17.3	2894 113.9	12	3.3	7710	4690	3720
150A8	48	16980	10330	8190	7890	7380								-	7380	9070	
157A2																	
500/55-17	16.00	19.8	39.1	443 17.4	2911 114.6	12	3.3	7250	4410	3500	3370	3150	-	3150	3870		
							148A8	48	15970	9710	7710	7420	6940	-	6940	8520	
							155A2										
500/45-22.5	16.00DC	19.7	41.3	489 19.3	3160 124.4	16	3.6	7250	4410	3500	3370	3150	-	3150	3870		
							148A8	52	15970	9710	7710	7420	6940	-	6940	8520	
							155A2										



FOREST-HARVESTER FOREST-TRAILER



F331

Alliance 331 Flotation diagonal forestry tyre is developed mainly for use on modern forestry harvesters and forwarders besides its standard applications like wheeled excavators, loaders and dumpers working in challenging terrains. It is designed with high traction and low slip abilities and for better fuel economy. The tyre's huge volume contributes to low soil compaction and ride comfort in forestry and agricultural applications. The main construction characteristics of this tyre 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 longer tyre life under heavy working conditions in forests as well as smooth working in fields.



Speed Rating



Special Compound

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	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	3500 137.8	16	3.2	8050	4900	3890	3750	3500	-	3500	4310		
						151A8	46	17730	10790	8570	8260	7710	-	7710	9490		
						158A2											
						20	4	9780	5950	4720	4550	4250	-	4250	5230		
						158A8	58	21540	13110	10400	10020	9360	-	9360	11520		
550/45-22.5	16.00DC	550 21.7	1080 42.5	497 19.6	3230 127.2	12	2.4	5750	3500	2780	2680	2500	-	2500	3080		
	20.00DC																
	140A8					35	12670	7710	6120	5900	5510	-	5510	6780			
	147A2																
600/40-22.5	20.00DC	600 23.6	1110 43.7	515 20.3	3330 131.1	16	3.2	7250	4410	3500	3370	3150	-	3150	3870		
						148A8	46	15970	9710	7710	7420	6940	-	6940	8520		
						155A2											
700/45-22.5	24.00DC	700 27.6	1175 46.3	540 21.3	3509 138.1	20	4	9780	5950	4720	4550	4250	-	4250	5230		
						158A8	58	21540	13110	10400	10020	9360	-	9360	11520		
						165A2											
500/60-26.5	16.00DC	500 19.7	1270 50	590 23.2	3820 150.4	16	4	11210	6830	5410	5220	4875	-	4875	6000		
						163A8	58	24690	15040	11920	11500	10740	-	10740	13220		
						170A2											
						22	5.7	13800	8400	6660	6420	6000	-	6000	7380		
						170A8	83	30400	18500	14670	14140	13220	-	13220	16260		
177A2																	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application										
		SW	OD					Speed, km/h (mph)										
		mm in	mm in	Recommended load, kg (lbs)						Forestry use								
				Drive wheel					10*HT	10*LT								
mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	6 *HT	6 *LT						
800/45-26.5	28.00DC	800	1370	632	4099	20	3.5	13800	8400	6660	6420	6000	-	6000	7380			
		31.5	53.9	24.9	161.4	170A8	51	30400	18500	14670	14140	13220	-	13220	16260			
						177A2												
600/60-30.5	20.00DC	600	1500	696	4504	12	3	8170	4970	3940	3800	3550	-	3550	4370			
						152A8	44	18000	10950	8680	8370	7820	-	7820	9630			
						159A2												
						16	3.2	11210	6830	5410	5220	4875	-	4875	6000			
						163A8	46	24690	15040	11920	11500	10740	-	10740	13220			
170A2																		
700/50-30.5	24.00DC	700	1510	699	4527	20	4	12880	7840	6220	5990	5600	-	5600	6890			
						168A8	58	28370	17270	13700	13190	12330	-	12330	15180			
						175A2												
						169A8	54	29380	17890	14190	13680	12780	-	12780	15700			
176A2																		
800/45-30.5	28.00DC	800	1520	704	4559	20	3.5	15410	9380	7440	7170	6700	-	6700	8240			
						174A8	51	33940	20660	16390	15790	14760	-	14760	18150			
						181A2												



F380

Alliance 380 Flotation diagonal forestry tyre is developed mainly for use on modern forestry trailers and forwarders working in challenging terrains. It is designed with high traction and low slip abilities and for better fuel economy. The tyre's huge volume contributes to low soil compaction and ride comfort in forestry and agricultural applications. The main construction characteristics of this tyre 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 longer tyre life under heavy working conditions in forests as well as smooth working in field.



Speed Rating



Steel Belted



Special Compound

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application								
		SW	OD					Speed, km/h (mph)						Recommended load, kg (lbs)		
								Drive wheel						Forestry use		
								mm in	mm in	mm in	mm in	mm in	mm in	Static	10 6	20 12
750/45-26.5	24.00DC	750 29.5	1360 53.5	628 24.7	4070 160.2	20 170A8 177A2	5 73	13800	8400	7380	6420	6000	-	6000	7380	
								30400	18500	16260	14140	13220	-	13220	16260	

AGRO FORESTRY



R-1



F333 AGRO FORESTRY

The Alliance AF-333 is a modern steel-belted diagonal Agro-Forestry tyre designed for, agriculture, forestry and on-road use. The tyre is designed for excellent grip, high traction abilities, low slip & fuel consumption. Larger lug contact area, extra large footprint and high tread depth coupled with improved cut & chip resistant tread compound ensures almost double tyre life than a normal tractor tyre, if used for agricultural activity. High NSD provides high traction even on wet soil. The tyre has a strong and specific lug configuration for forestry applications. A strong bead bundle, with extra thick reinforced sidewall and a high turn up of plies around bead ensure excellent stability and protection against external damages.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Static	Recommended load , kg (lbs)				
		Speed, km/h (mph)												
		Mixed Application												
		10 6	25 16							30 19	40 25	50 31		
320/85-24	W11	320	1160	529	3445	14	127A8/124B	2.4	4030	2630	1940	1870	1750	1610
	W10	12.6	45.7	20.8	135.6		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		35	11650	7600	5620	5420	5070	4600	
380/85-28	W12	380	1368	623	4060	14	139A8/136B	2.4	5590	3650	2700	2600	2430	2210
		15	53.9	24.5	159.8		35	12310	8040	5950	5730	5350	4870	
420/85-30	W15L	440	1475	672	4376	14	145A8	2.4	6670	4350	3220	3100	2900	2660
	W14L	17.3	58.1	26.5	172.3									
460/85-30	W16L	460	1550	702	4584	14	150A8	2.4	7710	5030	3720	3580	3350	3080
	W14L	18.1	61	27.6	180.5									
420/85-34	W15L	430	1580	724	4705	14	147A8	2.4	7070	4610	3410	3290	3075	2820
	W14L	16.9	62.2	28.5	185.2									
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		35	18000	11740	8680	8370	7820	7180	
420/85-28	W15L	430	1425	670	4313	14	144A8	2.4	6440	4200	3110	3000	2800	2570
	W14L	16.9	56.1	26.4	169.8		35	14190	9250	6850	6610	6170	5660	
420/85-38	W15L	430	1680	774	5021	14	149A8	2.4	7480	4880	3610	3480	3250	2980
	W14L	16.9	66.1	30.5	197.7									
460/85-38	W16L	460	1747	801	5206	14	154A8	2.4	8630	5630	4160	4010	3750	3410
		18.1	68.8	31.5	205		35	19010	12400	9160	8830	8260	7520	
520/85-38	DW16L	520	1860	847	5520	14	160A8	2.4	10350	6750	5000	4820	4500	4130
	DW18L	20.5	73.2	33.3	217.3		35	22810	14880	11020	10620	9910	9100	
520/85-42	DW16L	520	1950	905	5785	14	162A8	2.4	10925	7125	5270	5080	4750	4375
		20.5	76.8	35.6	227.7		35	24085	15705	11620	11200	10470	9645	



F347

Alliance 347 Agro Forestry R1 is a steel reinforced agricultural tyre 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. Being an R-1 lug design this tyre is not suitable for Logger-Skidder application.



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	mm in	Static	10 6	20 12	30 19	40 25	50 31
23.1-34	DW20A	587	1808	800	5269	12	1.7	9490	6190	4580	4410	4125	3750	4125	5070	
		23.1	71.2	31.5	207.4	157A8	25	20900	13630	10090	9710	9090	8260	9090	11180	
						165A2										

R-1W



F360 AGRO-FORESTRY

Alliance 360 Agro Forestry R-1W is a steel reinforced agricultural tyre 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. Being an R-1W design this tyre is not suitable for Logger-Skidder application.



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)													
		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			
480/65-24	W15	470	1250	582	3740	140A8	2.4	5750	3750	2780	2680	2500	2280	2500	3080
	W14L	18.5	49.2	22.9	147.2	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	155A8	16	8860	5780	4270	4120	3850	3500	3850	4740
	W15	20.5	57	26.3	170.5	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 (Radial)	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	154A8	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	1880	871	5638	164A8	16	11500	7500	5550	5350	5000	4550	5000	6150
	25	74	34.3	222	171A2	35	25330	16520	12220	11780	11010	10020	11010	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 (Radial)	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 (Radial)	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



F365 AGRO-FORESTRY

Alliance 365 Agro Forestry is a modern diagonal forestry tyre for utility and high power tractors on heavy duty jobs in forestry and heavier agricultural operations. This tyre can also be used for combine harvesters and implements in agriculture. The tyre is designed for high traction and low slip abilities and gives better fuel economy. The main construction characteristics of this tyre 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	Constant load application								
		SW	OD					Speed, km/h (mph)						Recommended load, kg (lbs)		
								Drive wheel						Forestry use		
		mm in	mm in					mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19
710/70R42	DW23B	730	2050	956	6240	173A8	3	14950	9750	8000	6960	6500	5920	6500	8000	
		28.7	80.7	37.6	245.7	182A2	44	32930	21480	17620	15330	14320	13040	14320	17610	

R-1W



F370 AGRO-FORESTRY

Alliance 370 Agro Forestry R-1W is a steel reinforced agricultural tyre 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. Being an R-1W design this tyre is not suitable for Logger-Skidder application.

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							
mm in	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		
380/70-24 -> NEW <-	W12	380	1206	558	3614	14	2.7	4370	2850	2110	2030	1900	1730	1900	2340
	W11	15	47.5	22	142.3	130A8	39	9630	6280	4650	4470	4190	3810	4190	5150
	W13					138A2									
420/70-24	W13	418	1265	582	3774	14	3	5430	3540	2620	2530	2360	2150	2360	2900
	W12	16.5	49.8	22.9	148.6	138A8	44	11960	7800	5770	5570	5200	4740	5200	6400
	W14L					145A2									
380/70-28	W12	380	1308	609	3935	14	3	5430	3540	2620	2530	2360	2150	2360	2900
	W11	15	51.5	24	154.9	138A8	44	11960	7800	5770	5570	5200	4740	5200	6400
	W13					145A2									
420/70-28	W13	418	1364	633	4095	14	2.5	5430	3750	2780	2680	2500	2280	2500	3080
	W12	16.5	53.7	24.9	161.2	140A8	36	11960	8260	6120	5900	5510	5020	5510	6780
	W14L					147A2									
480/70-28	W15L	479	1448	668	4334	14	2.7	6670	4350	3220	3100	2900	2640	2900	3570
	W15L	18.9	57	26.3	170.6	145A8	39	14690	9580	7090	6830	6390	5810	6390	7860
	W15L					152A2									
480/70-34	W15L	479	1600	744	4812	14	2.5	6900	4500	3330	3210	3000	2730	3000	3690
	W14L	18.9	63	29.3	189.4	146A8	36	15200	9910	7330	7070	6610	6010	6610	8130
	W16L					153A2									
520/70-34	W16L	516	1659	769	4980	14	2.5	8630	5630	4160	4010	3750	3410	3750	4610
	W18L	20.3	65.3	30.3	196.1	154A8	36	19010	12400	9160	8830	8260	7510	8260	10160
	W18L					161A2									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application									
		SW	OD					Speed, km/h (mph)									
		Recommended load, kg (lbs)						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		
480/70-38	W15L	479	1715	801	5170	14	2.7	7710	5030	3720	3580	3350	3050	3350	4120		
	W14L	18.9	67.5	31.5	203.5	150A8	39	16980	11080	8190	7890	7380	6720	7380	9080		
	W16L					157A2											
520/70-38	W16L	520	1758	819	5292	14	2.5	8910	5810	4300	4150	3875	3530	3875	4770		
	W16A	20.5	69.2	32.2	208.3	155A8	36	19630	12800	9470	9140	8540	7780	8540	10500		
	W18L					162A2											
580/70-38	W18A	570	1841	854	5528	14	2.5	10350	6750	5000	4820	4500	4100	4500	5540		
		22.4	72.5	33.6	217.6	160A8	36	22800	14870	11010	10620	9910	9030	9910	12190		
						168A2											

R-1W



2WD TRACTOR



FORESTRY TRACTOR



F385 AGRO-FORESTRY

Alliance 385 Agro Forestry R-1W is a steel reinforced agricultural tyre 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. Being an R-1W lug design this tyre is not suitable for Logger-Skidder application.



Steel Belted



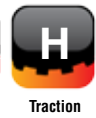
Speed Rating

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	20 12	30 19	40 25	50 31	10°HT 6°HT	10°LT 6°LT
		mm in	mm in	mm in	mm in										
18.4-34	W16L					14PR	2.5	8630	5630	4160	4010	3750	3410	3750	4610
	DW16	486	1671	750	5007	154A8	36	19010	12400	9160	8830	8260	7510	8260	10160
	W15L	19.1	65.8	29.5	197.1	161A2									
	DW15L														
20.8-38	W18L					14	2.3	10060	6560	4860	4680	4375	3980	4375	5380
	18DD	550	1860	863	5583	159A8	33	22160	14450	10700	10310	9640	8770	9640	11860
	W18A	21.7	73.2	34	219.8	166A2									
	W16L														



F580

Alliance 580 is a Agro-Forestry / Industrial diagonal tyre. 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 based on special tread design and durable tread rubber compound.



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	Static	10	t25	30	40	50	10*HT	10*LT
		mm in	mm in	mm in	mm in		psi		6	15	19	25	31	6 *HT	6*LT
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

R-1



MFWA



4WD TRACTOR



F356 AGRO-FORESTRY

The 356 Forest is a modern diagonal forestry tyre for high power tractors on heavy duty jobs in forestry and heavier operation in agriculture. The tyre is designed for high traction abilities, low slip and low fuel consumption. The main construction characteristics of the tyre 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 tyre 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.



Special Compound



Steel Belted



Speed Rating

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	Static	10 6	t25 15	30 19	40 25	50 31	10*HT 6 *HT	10*LT 6*LT
		mm in	mm in	mm in	mm in		psi								
11.2-24	DW10	290	1112	518	3346	10PR	3	3130	2040	1510	1460	1360	1240	1360	1670
	W10	11.4	43.8	20.4	131.7	119A8	44	6890	4490	3330	3220	3000	2730	3000	3690
	W10H					125A2									
12.4-24	DW11					12PR									
	W11	315	1145	524	3407	128A8	3.5	4140	2700	2000	1930	1800	1640	1800	2210
	W10H	12.4	45.1	20.6	134.1	136A2	51	9120	5950	4410	4250	3960	3610	3960	4870
	DW10														
13.6-24	W10														
						10PR	2.5	4140	2700	2000	1930	1800	1640	1800	2210
						128A8	36	9120	5950	4410	4250	3960	3610	3960	4870
	DW12	345	1190	542	3531	136A2									
	W12	13.6	46.9	21.3	139	12PR	3	4600	3000	2220	2140	2000	1820	2000	2460
14.9-24	W11					132A8	44	10130	6610	4890	4710	4410	4010	4410	5420
						139A2									
						14PR	3	5430	3540	2620	2530	2360	2150	2360	2900
14.9-24						138A8	44	11960	7800	5770	5570	5200	4740	5200	6400
	DW13	378	1245	562	3793	144A2									
	W13	14.9	49	22.1	149.3	18PR	3.8	6270	4090	3020	2920	2725	2480	2725	3350
						143A8	55	13810	9010	6650	6430	6000	5460	6000	7380
						150A2									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	Recommended load, kg (lbs)												
		mm in	mm in	Drive wheel					Forestry use							
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	t25 15	30 19	40 25	50 31	10*HT 6 *HT	10*LT 6*LT	
18.4-26	W16L W15L	467 18.4	1440 56.7	656 25.8	4273 168.2	10PR	2.1	5920	3860	2860	2760	2575	2340	2575	3170	
						141A8	30	13040	8500	6300	6080	5670	5150	5670	6970	
						148A2										
						14PR	3	7250	4730	3500	3370	3150	2870	3150	3870	
						148A8	44	15970	10420	7710	7420	6940	6320	6940	8540	
13.6-28	DW12 W12 W12D	345 13.6	1295 51	595 23.4	3863 152.1	10PR	2.5	4370	2850	2110	2030	1900	1730	1900	2340	
						130A8	36	9630	6280	4650	4470	4190	3810	4190	5150	
						138A2										
						14PR	3.5	5290	3450	2550	2460	2300	2090	2300	2830	
						137A8	51	11650	7600	5620	5420	5070	4600	5070	6240	
14.9-28	DW13 W13 W12D W12	378 14.9	1350 53.1	618 24.3	4019 158.2	14PR										
						140A8	3	5750	3750	2780	2680	2500	2280	2500	3080	
						147A2	44	12670	8260	6120	5900	5510	5020	5510	6780	
16.9-28	DW15L W15 W14L DW14	429 16.9	1420 55.9	645 25.4	4207 165.6	14PR										
						145A8	2.7	6670	4350	3220	3100	2900	2640	2900	3570	
						152A2	39	14690	9580	7090	6830	6390	5810	6390	7860	
14.9-30	W13 W12	378 14.9	1400 55.1	644 25.4	4180 164.6	14PR	3	6440	4200	3110	3000	2800	2550	2800	3440	
						144A8	44	14190	9250	6850	6610	6170	5620	6170	7590	
						151A2										
16.9-30	DW15L W15 W14L DW14	429 16.9	1475 58.1	684 26.9	4426 174.3	14PR										
						144A8	2.6	6440	4200	3110	3000	2800	2550	2800	3440	
						151A2	38	14190	9250	6850	6610	6170	5620	6170	7590	
18.4-30	DW16L W15L DW15L	467 18.4	1545 60.8	712 28	4618 181.8	14PR										
						151A8	2.6	7940	5180	3830	3690	3450	3140	3450	4240	
						158A2	38	17490	11410	8440	8130	7600	6920	7600	9350	
16.9-34	DW15 W15L W14L	429 16.9	1575 62	722 28.4	4693 184.8	14PR	2.5	6900	4500	3330	3210	3000	2730	3000	3690	
						146A8	36	15200	9910	7330	7070	6610	6010	6610	8130	
						153A2										
						18PR	3.2	8170	5330	3940	3800	3550	3230	3550	4370	
						152A8	46	18000	11740	8680	8370	7820	7110	7820	9620	
16.9-38	W15L DW15 W14L	429 16.9	1675 65.9	772 30.4	5007 197.1	14PR	2.6	7480	4880	3610	3480	3250	2960	3250	4000	
						149A8	38	16480	10750	7950	7670	7160	6520	7160	8810	
						156A2										
18.4-38	W16L 16DD W16A DW15L	467 18.4	1750 68.9	803 31.6	5217 205.4	14PR										
						155A8	2.5	8910	5810	4300	4150	3875	3530	3875	4770	
						162A2	36	19630	12800	9470	9140	8540	7780	8540	10500	
20.8-38 (Des. 385)	W18L 18DD W18A W16L	550 21.7	1860 73.2	863 34	5583 219.8	14PR										
						159A8	2.3	10060	6560	4860	4680	4375	3980	4375	5380	
						166A2	33	22160	14450	10700	10310	9640	8770	9640	11860	

**Alliance offers a full range of forestry tyres,
covering an array of working methods and machines.**

AGRO FORESTRY

Agro forestry patterns for combined tractor application in the forest and in the field:

**F-356, F-360, F-370, F-333,
F-580, F-385**



TRAILERS

Forestry flotation patterns for forestry trailers:

F-328, F-331, F-380



Tyre range

LOG-SKIDDERS

Log-skidder LS-2 pattern for long cut method:

F-345



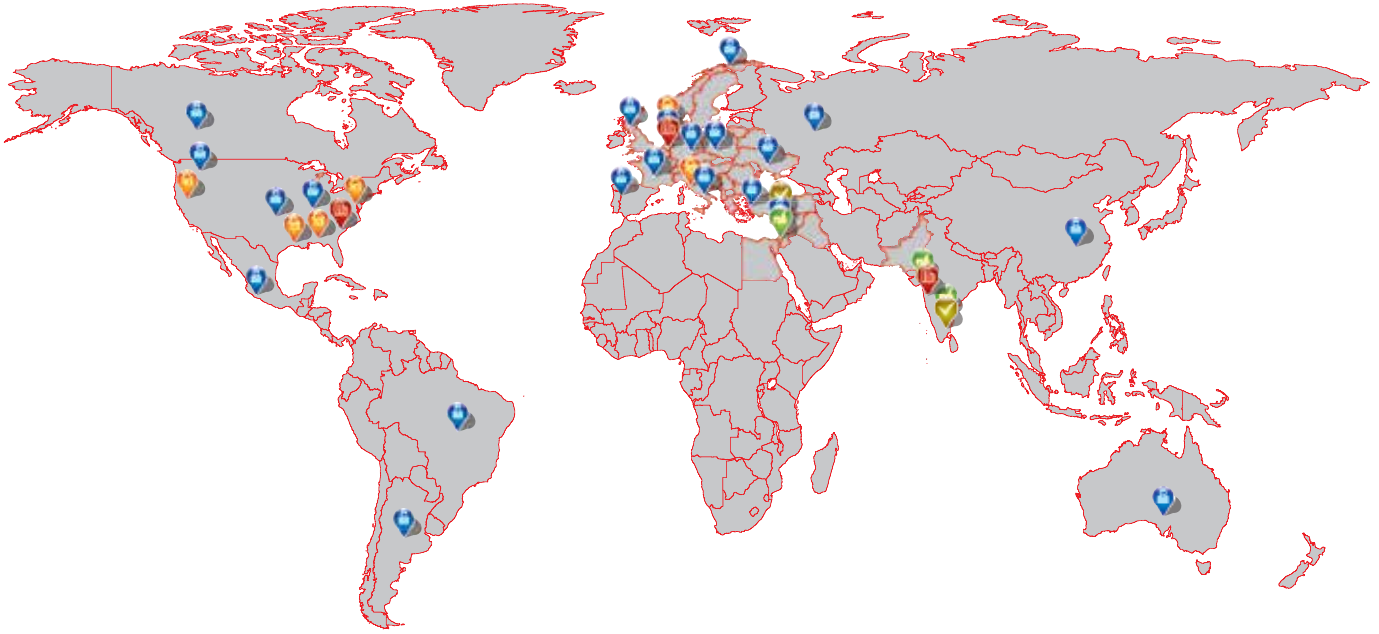
FORWARDERS & HARVESTERS






Forestry flotation LS-2 patterns for short cut method for harvesters and forwarders:

F-344, F-346, F-343, F-342




GLOBAL REACH



-  Regional Offices
-  R & D Centers
-  Manufacturing Units
-  Warehouses
-  Sales and Technical Representatives

OFFICES:

Alliance Tire Europe BV

De Entree 59  1101 BH Amsterdam Zuidoost - The Netherlands
TEL: +31 (0)20 2184 770 • FAX: +31 (0)20 2184 771

Alliance Tire Company Ltd.

PO BOX No. 48,
Hadera, 38100 Israel.
TEL : 972 4 6240520
FAX : 972 4 6240555

ATC Tires India Pvt. Ltd.

Plot No. 53 & 27-C, 2nd Floor,
Empire Complex, Senapati Bapat Marg,
Lower Parel, Mumbai - 400013
TEL: +91 22 3957 9600
FAX: +91 22 39579699

Alliance Tire Americas Inc.

201 Edgewater Drive, Suite 285
Wakefield, MA 01880
TEL : 781-321-3910
Toll Free : 800-343-3276
FAX : 781-322-2147

Contact : info.europe@atgtire.com

Regional Offices & Representatives

Argentina • Australia • Brazil • Canada • China • France • Germany • Iberia • India • Israel • Italy • Poland • Russia • Scandinavia • The Netherlands • Turkey • Ukraine • UK • USA

Distributor:

Disclaimer: Tyre specifications mentioned in this document are subject to change with no prior intimation or notice. Please visit www.atgtire.com for updated information and details.