



**ALLIANCE
 AGRICULTURE**

TRA: I-3
 Speed Rating: **A8/B**



FLOTATION

Alliance 328 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. 328 comes in Steel Belted, Fabric and Heavy Duty variants for different sizes. Apart from its standard applications in trailers, forestry trailers and forest harvesters, the special HD tire is also developed for agricultural baler applications.

IMPLEMENT - 550/60-22.5

Size	Rim	Unloaded Dimension		Loaded Static radius mm	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar	Recommended Load							
		SW mm	OD mm					Speed							
								Drive Wheel				Free Rolling			
								10 kmph	25 kmph	40 kmph	50 kmph	10 kmph	25 kmph	40 kmph	50 kmph
550/60-22.5	16.00DC	550	1238	540	3765	8PR	1.2	2950	2510	2110	1900	4310	3670	3080	2770
						153A8⊕ 150B⊕ 140A8⊙ 136B⊙	1.5	3370	2870	2410	2170	4910	4180	3510	3160
							1.6	3500	2980	2500	2250	5110	4340	3650	3290
							2.2	5010	4260	3580	3220	6130	5210	4380	3950
						12PR	1.8	3820	3250	2730	2460	5460	4640	3900	3510
							2.1	4190	3560	2990	2690	5980	5080	4270	3840
							2.3	4410	3750	3150	2840	6300	5360	4500	4050
						16PR	3.2	6310	5360	4500	4060	7560	6430	5400	4860
							2.4	4610	3920	3290	2960	6510	5530	4650	4190
							166A8⊕ 162B⊕ 154A8⊙ 150B⊙	2.6	4830	4110	3450	3110	6820	5800	4870
						3		5250	4460	3750	3380	7420	6310	5300	4770
						4.1		7510	6380	5360	4830	8900	7570	6360	5720

1) When tires equip vehicles subject to haulage cyclic high load variations excluding transport application on long distances, i.e. vehicles used on round trips (e.g. from field to farm) where on one way the vehicle is empty & on the other way the gross vehicle mass exceeds two times the mass of empty vehicle (last two rows in the table). 2) When fitted on tractor steering wheels load capacities are 80% of free rolling and inflation pressure 20% higher. 3) For 10 KM/H and stationary use inflation pressure raised 20% and 25% respectively. 4) Load for intermediate speed should be taken as an average between two close speeds 5) Load at lower speed than 10km/h may be similar to the load for 10km/h

For ATC Tires Pvt Limited



Dan Steltmann
 Chief Technology Officer

