



**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 - 500/60-22.5**

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 kmph
500/60-22.5	8 149A8/146B,136A8/132B	TL	16.00DC	1170	500	3537	510			0
	12 157A8/154B	TL	16.00DC	1170	500	3537	510	0	0	0
	16 163A8/159B	TL	16.00DC	1170	500	3537	510	0	0	0
	16 163A8/159B	TL	16.00DCx22.5	1170	500	3509	520.35	0	3.2	40
	8 149A8 146B 136A8 132B	TL	16.00DC	1170	500	3537	510			0
	12 157A8/154B	TL	16.00DC	1170	500	3537	510	0	0	0
	16 163A8/159B	TL	16.00DCx22.5	1170	500	3537	510	0	0	0
	18 165A8/161B	TL	16.00DC	1170	500	3455	503.85	0	3.5	40
	18 165A8/161B	TL	16.00DCx22.5	1170	500	3455	503.85	0	3.5	40

Highlighted rows indicate cyclic high load variations. 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 this size 149A8/146B is not longer active for production. 6) Size with # is available in C marked which is best fit for sugarcane application.

For ATC Tires Pvt Limited



Dan Steltmann  
 Chief Technology Officer

