



ALLIANCE
FORESTRY

TRA: I-3
Speed Rating: A6

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 tires 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.

FORESTRY - 600/40-22.5 Steel Belted

Size	Rim	Unloaded Dimension		Loaded Static radius mm	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar	Recommended Load						
								Speed						
								Constant load application						
								Drive wheel					Forestry use	
		SW mm	OD mm					Static kmph	10 kmph	20 kmph	30 kmph	40 kmph	10*HT kmph	10*LT kmph
600/40-22.5 Steel Belted	20.00DC	600	1110	515	3356	16PR 148A8 155A2	1.5	4650	2830	2240	2160	2020	2020	2480
							2.4	6120	3720	2950	2850	2660	2660	3270
							2.6	6420	3910	3100	2990	2790	2790	3430
							2.8	6690	4070	3230	3110	2910	2910	3580
							3	6970	4240	3360	3240	3030	3030	3730
							3.2	7250	4410	3500	3370	3150	3150	3870

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) Load for intermediate speed should be taken as an average between two close speeds 3) Load at lower speed than 10km/h may be similar to the load for 10km/h. 4) Steel Belt available in 16 PR only.

