



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 inch	Rolling Circumference inch	Load Index PR Symbols	Inflation Pressure psi	Recommended Load						
								Speed						
								Constant load application						
								Drive wheel					Forestry use	
		SW inch	OD inch					Static mph	6 mph	12 mph	19 mph	25 mph	6*HT mph	6*LT mph
600/40-22.5 Steel Belted	20.00DC	23.6	43.7	20.3	132.1	16PR 148A8 155A2	22	10250	6240	4940	4760	4450	4450	5470
							35	13490	8200	6500	6280	5860	5860	7210
							38	14150	8620	6830	6590	6150	6150	7560
							41	14750	8970	7120	6860	6420	6420	7890
							44	15370	9350	7410	7140	6680	6680	8220
							46	15980	9720	7720	7430	6950	6950	8530

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.

