



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 - 600/60-30.5 Steel Belted

Size	Rim	Unloaded Dimension		Loaded Static radius inch	Rolling Circumference inch	Load Index PR Symbols	Inflation Pressure psi	Recommended Load							
								Speed							
		Drive wheel						Forestry use							
		Static mph	6 mph					12 mph	19 mph	25 mph	6*HT mph	6*LT mph			
600/60-30.5 Steel Belted	20.00DC	23.6	59.1	27.4	177.3	12PR	38	16540	10050	7980	7690	7190	7190	8840	
						152A8 159A2	41	17280	10520	8360	8050	7520	7520	9240	
							44	18010	10960	8690	8380	7830	7830	9630	
						16PR	41	22860	13910	11050	10650	9940	9940	12240	
						163A8 170A2	44	23790	14480	11490	11070	10340	10340	12720	
							46	24710	15060	11930	11510	10750	10750	13230	
						20PR	49	25820	15720	12460	12020	11220	11220	13800	
						168A8 175A2	52	26720	16270	12900	12430	11620	11620	14290	
							58	28400	17280	13710	13210	12350	12350	15190	

Note: For above mentioned size 8 PR is no longer active for production. 1)When tires equip vehicles subject to haulage cyclic high load variations excluding transport application on long distances, i.e. vehicles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 12PR 20 PR only.

