



**ALLIANCE
 CONSTRUCTION &
 INDUSTRIAL**

TRA: **R-4**
 Speed Rating: **B**

Alliance 321 Construction Machinery tire is designed for tough on off road requirements of modern compact construction machinery and other equipment where moderate traction and long life is required. Its strong nylon carcass casing provides improved resistance to structural failure of the tire.

CONSTRUCTION MACHINERY - 10.5/80-18

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								
								Static kmph	10 kmph	20 kmph	25 kmph	30 kmph	35 kmph	40 kmph	45 kmph	50 kmph
10.5/80-18	9	277	910	410	2680	10PR	3.3	3370	1890	1590	1500	1440	1380	1330	1300	1270
						119B	3.7	3600	2030	1700	1600	1540	1480	1430	1390	1360

Highlighted rows indicate cyclic high load variations. 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).

