

## 20.5R25 168B/186A2 LOADER GRIP L-3 TL

Sturdy grip for wheel loaders and machines

PRODUCT CODE	T445171
TIRE CLASSIFICATION CODE	L-3
APPLICATION	Wheel loader / Transport application
LI / SPEED SYMBOL	186A2 (168B)
PLY RATING	★
RIM RECOMMENDED	17.00/2.0
RIM PERMITTED	17.00/2.0 IF, 17.00/1.7



### LOAD CAPACITY FOR WHEEL LOADER, LB

Pressure (psi)	Speed (mph)										
	0	creep	2.5	5	10	12	15	17.5	22.5	25	30
29	18245	14815	12995	11400	9920	9580	9115	8775	8435	7980	7185
33	19930	16195	14200	12455	10835	10460	9965	9590	9215	8720	7850
36	21560	17515	15365	13480	11730	11320	10780	10375	9975	9435	8490
40	23160	18815	16500	14475	12600	12160	11585	11145	10715	10130	9115
44	24725	20085	17615	15455	13450	12985	12355	11895	11430	10815	9735
47	26255	21330	18705	16415	14275	13780	13130	12630	12145	11485	10340
51	27755	22555	19775	17350	15090	14575	13880	13360	12830	12145	10925
54	29220	23745	20825	18265	15895	15345	14615	14065	13515	12785	11510
58	30675	24925	21860	19170	16680	16105	15335	14760	14185	13425	12080
62	32100	26080	22875	20060	17460	16855	16050	15455	14850	14045	12645
65	33510	27225	23875	20945	18220	17595	16755	16125	15500	14660	13195

### LOAD CAPACITY FOR TRANSPORT APPLICATION, LB

Pressure (psi)	Speed (mph)									
	10	12	15	17.5	22.5	25	27.5	30	35	37.5
29	9085	8930	8765	8600	8445	8355	8280	8115	7950	7630
33	9930	9745	9570	9390	9215	9125	9040	8865	8685	8335
36	10750	10550	10360	10165	9975	9875	9790	9590	9405	9015
40	11540	11330	11120	10925	10715	10615	10505	10305	10095	9690
44	12315	12090	11885	11660	11440	11330	11220	11000	10780	10340
47	13085	12840	12610	12380	12145	12025	11915	11675	11440	10980
51	13825	13580	13340	13085	12840	12720	12590	12345	12105	11605

## TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	58.8 in	61.5 in
TIRE WIDTH	20.9 in	22.7 in
PATTERN DEPTH	39/32 in	
MAX. INFLATION PRESSURE	65 psi	

STATIC LOADED RADIUS 25.5 in @ 20900 lb / 65 psi

DYNAMIC ROLLING CIRCUMFERENCE 177.2 in @ 20900 lb / 65 psi

DYNAMIC ROLLING RADIUS 28.2 in @ 20900 lb / 65 psi

TUBELESS VALVE TR650

BELT MATERIAL Steel

MARKINGS M+S

STUDDABLE Yes  
Number of studs 180 pcs  
Recommended stud 16-19

VOLUME 131 gallons 100%  
98 gallons 75%

## WATER AND SALT BALLASTING

(CaCl<sub>2</sub>, 75%, -30°C) Always use a tube when filled with water/salt.

Tire volume 100%		Water filling 75%		Water/salt filling (75% / -30°C)				Total weight increase	
				Water		Salt			
Litres	Gallons	Litres	Gallons	Litres	Gallons	kg	lbs	kg	lbs
495	131	371	98	305	80	155	342	460	1014

NOKIAN TYRES PLC is a full member of ETRTO and affiliated member of TRA. In design and production, we certify that products made in Nokian factory (YL) are according the ETRTO and TRA standards.

Tyre have been manufactured and tested in accordance with the requirements of ISO 9001 and ISO 14001. Nokian Tyres Plc has the following certificates:

- Quality Management System Standard, ISO 9001, Certificate No: 76363-2010-AQ-FIN-FINAS
- Environmental Management System Standard, ISO 14001, Certificate No: 76361-2010-AE-FIN-FINAS

More information: [www.nokiantyres.com/heavy/technical-tire-manual/](http://www.nokiantyres.com/heavy/technical-tire-manual/)