

## 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, KG

Pressure (kPa)	Speed (km/h)										
	0	1	5	10	15	20	25	30	35	40	50
200	8275	6720	5895	5170	4500	4345	4135	3980	3825	3620	3260
225	9040	7345	6440	5650	4915	4745	4520	4350	4180	3955	3560
250	9780	7945	6970	6115	5320	5135	4890	4705	4525	4280	3850
275	10505	8535	7485	6565	5715	5515	5255	5055	4860	4595	4135
300	11215	9110	7990	7010	6100	5890	5605	5395	5185	4905	4415
325	11910	9675	8485	7445	6475	6250	5955	5730	5510	5210	4690
350	12590	10230	8970	7870	6845	6610	6295	6060	5820	5510	4955
375	13255	10770	9445	8285	7210	6960	6630	6380	6130	5800	5220
400	13915	11305	9915	8695	7565	7305	6955	6695	6435	6090	5480
425	14560	11830	10375	9100	7920	7645	7280	7010	6735	6370	5735
450	15200	12350	10830	9500	8265	7980	7600	7315	7030	6650	5985

## LOAD CAPACITY FOR TRANSPORT APPLICATION, KG

Pressure (kPa)	Speed (km/h)									
	15	20	25	30	35	40	45	50	55	60
200	4120	4050	3975	3900	3830	3790	3755	3680	3605	3460
225	4505	4420	4340	4260	4180	4140	4100	4020	3940	3780
250	4875	4785	4700	4610	4525	4480	4440	4350	4265	4090
275	5235	5140	5045	4955	4860	4815	4765	4675	4580	4395
300	5585	5485	5390	5290	5190	5140	5090	4990	4890	4690
325	5935	5825	5720	5615	5510	5455	5405	5295	5190	4980
350	6270	6160	6050	5935	5825	5770	5710	5600	5490	5265

## TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1493 mm	1561 mm
TIRE WIDTH	532 mm	577 mm
PATTERN DEPTH	31 mm	
MAX. INFLATION PRESSURE	450 kPa	

STATIC LOADED RADIUS 648 mm @ 9500 kg / 450 kPa

DYNAMIC ROLLING CIRCUMFERENCE 4500 mm @ 9500 kg / 450 kPa

DYNAMIC ROLLING RADIUS 716 mm @ 9500 kg / 450 kPa

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

VOLUME 495 l 100%  
371 l 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/)