710/45-24.5 LS 20 166A8/173A2 NOKIAN TYRES FOREST KING TRS 3 SF TT

Traction tire for harvesters and forwarders



PRODUCT CODE	T445892
TIRE CLASSIFICATION CODE	LS-2
APPLICATION	Forwarder and Harvester
LI / SPEED SYMBOL	166A8 (173A2)
PLY RATING	20
RIM RECOMMENDED	AG24.00
TYPE APPROVAL	E4 106R-007057

LOAD CAPACITY FOR FORWARDER AND HARVESTER, KG

Forestry service (LT)

Pressure (kPa)	**Speed** (km/h)
	10
160	3450
200	3750
240	4125
280	4625
320	4750
360	5450
400	5800
450	6300
500	6500

Road

Pressure (kPa)	**Speed** (km/h)		
	20	**30**	**40**
160	3445	2995	2800
200	3780	3290	3075
240	4120	3585	3350
280	4615	4015	3750
320	4765	4145	3875
360	5380	4680	4375
400	5845	5085	4750
450	6335	5510	5150
500	6520	5670	5300

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TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1247 mm	1306 mm
TIRE WIDTH	702 mm	762 mm
PATTERN DEPTH	48 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	550 kPa	

STATIC LOADED RADIUS	576 mm @ 5300 kg / 500 kPa
STATIC LOADED RADIUS	568 mm @ 6500 kg / 500 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3800 mm @ 5300 kg / 500 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3788 mm @ 6500 kg / 500 kPa
DYNAMIC ROLLING RADIUS	605 mm @ 5300 kg / 500 kPa
DYNAMIC ROLLING RADIUS	603 mm @ 6500 kg / 500 kPa
TUBE PRODUCT CODE	T545448
TUBE VALVE	TR218A
BREAKER MATERIAL	Steel
VOLUME	380 l 100% 285 l 75%

WATER AND SALT BALLASTING

(CaCl2, 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
380	100	285	75	234	62	119	263	353	778

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.

The tire has 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/