710/40-22.5 LS 20 161A8/168A2 NOKIAN TYRES FOREST KING TRS 3 SF TT

Traction tire for harvesters and forwarders



PRODUCT CODE	T445890
TIRE CLASSIFICATION CODE	LS-2
APPLICATION	Forwarder and Harvester
LI / SPEED SYMBOL	161A8 (168A2)
PLY RATING	20
RIM RECOMMENDED	AG24.00
TYPE APPROVAL	E4 106R-007055

LOAD CAPACITY FOR FORWARDER AND HARVESTER, KG

Forestry service (LT)

Pressure (kPa)	**Speed** (km/h)
	10
160	3000
200	3250
240	3550
280	4000
320	4250
360	4625
400	5000
450	5450
500	5600

Road

Pressure (kPa)	**Speed** (km/h)		
	20	**30**	**40**
160	2990	2600	2430
200	3260	2835	2650
240	3565	3105	2900
280	4000	3480	3250
320	4245	3690	3450
360	4615	4015	3750
400	5075	4415	4125
450	5380	4680	4375
500	5690	4950	4625

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1175 mm	1180 mm
TIRE WIDTH	698 mm	762 mm
PATTERN DEPTH	42 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	550 kPa	

STATIC LOADED RADIUS	542 mm @ 4625 kg / 500 kPa
STATIC LOADED RADIUS	536 mm @ 5600 kg / 500 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3581 mm @ 4625 kg / 500 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3570 mm @ 5600 kg / 500 kPa
DYNAMIC ROLLING RADIUS	570 mm @ 4625 kg / 500 kPa
DYNAMIC ROLLING RADIUS	568 mm @ 5600 kg / 500 kPa
TUBE PRODUCT CODE	T55092
TUBE VALVE	TR218A
BREAKER MATERIAL	Steel
VOLUME	350 l 100% 263 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
350	92	263	69	215	57	110	242	325	717

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/