800/40-26.5 LS 20 170A8/177A2 NOKIAN TYRES FOREST KING TRS 3 SF TT

Traction tire for harvesters and forwarders



PRODUCT CODE	T445897
TIRE CLASSIFICATION CODE	LS-2
APPLICATION	Forwarder and Harvester
LI / SPEED SYMBOL	170A8 (177A2)
PLY RATING	20
RIM RECOMMENDED	AG28.00
TYPE APPROVAL	E4 106R-007062

LOAD CAPACITY FOR FORWARDER AND HARVESTER, KG

Forestry service (LT)

Pressure (kPa)	**Speed** (km/h)
	10
160	3875
200	4250
240	4625
280	5300
320	5450
360	6000
400	6500
450	7100
500	7300

Road

Pressure (kPa)	**Speed** (km/h)		
	20	**30**	**40**
160	3875	3370	3150
200	4245	3690	3450
240	4615	4015	3750
280	5230	4550	4250
320	5380	4680	4375
360	5995	5215	4875
400	6520	5670	5300
450	7135	6205	5800
500	7380	6420	6000

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1344 mm	1357 mm
TIRE WIDTH	789 mm	873 mm
PATTERN DEPTH	48 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	550 kPa	

STATIC LOADED RADIUS	625 mm @ 6000 kg / 500 kPa
STATIC LOADED RADIUS	617 mm @ 7300 kg / 500 kPa
DYNAMIC ROLLING CIRCUMFERENCE	4103 mm @ 6000 kg / 500 kPa
DYNAMIC ROLLING CIRCUMFERENCE	4091 mm @ 7300 kg / 500 kPa
DYNAMIC ROLLING RADIUS	653 mm @ 6000 kg / 500 kPa
DYNAMIC ROLLING RADIUS	651 mm @ 7300 kg / 500 kPa
TUBE PRODUCT CODE	T545312
TUBE VALVE	TR218A
BREAKER MATERIAL	Steel
VOLUME	510 l 100% 383 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
510	135	383	101	314	83	160	353	474	1045

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/