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, LB

Forestry service (LT)

Pressure (psi)	**Speed** (mph)
	5
23	7605
29	8265
35	9095
41	10195
46	10470
52	12015
58	12785
65	13890
73	14330

Road

Pressure (psi)	**Speed** (mph)		
	12	**17.5**	**25**
23	7595	6605	6175
29	8335	7255	6780
35	9085	7905	7385
41	10175	8850	8265
46	10505	9140	8545
52	11860	10320	9645
58	12885	11210	10470
65	13965	12145	11355
73	14375	12500	11685

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	49.1 in	51.4 in
TIRE WIDTH	27.6 in	30 in
PATTERN DEPTH	60/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	80 psi	

STATIC LOADED RADIUS	22.7 in @ 11700 lb / 73 psi
STATIC LOADED RADIUS	22.4 in @ 14300 lb / 73 psi
DYNAMIC ROLLING CIRCUMFERENCE	149.6 in @ 11700 lb / 73 psi
DYNAMIC ROLLING CIRCUMFERENCE	149.1 in @ 14300 lb / 73 psi
DYNAMIC ROLLING RADIUS	23.8 in @ 11700 lb / 73 psi
DYNAMIC ROLLING RADIUS	23.7 in @ 14300 lb / 73 psi
TUBE PRODUCT CODE	T545448
TUBE VALVE	TR218A
BREAKER MATERIAL	Steel
VOLUME	100 gallons 100% 75 gallons 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/