

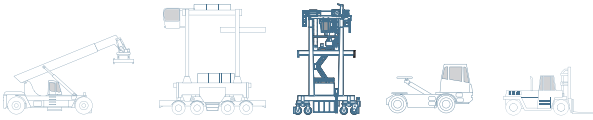
# Container and material handling tyres

**NOKIAN**  
**HEAVY TYRES**





Photo: Xomecranes



## CONTAINER AND MATERIAL HANDLING TYRES



### Nokian HTS

#### Stable container handling

- › A stable special tyre for harbour and terminal equipment; also suitable for sawmills and timberyards
- › Durable cross-ply structure
- › Excellent driving result, well suited for retreading



### Nokian HTS Slick

#### Efficient and comfortable materials handling

- › Superb driving comfort
- › Long efficient service life
- › Stable and sturdy structure ensures excellent load-bearing capacity



### Nokian RTG

#### Agility and durability for RTG harbour cranes

- › The structure and tread pattern of the stable cross-ply tyre are optimised for RTG harbour cranes
- › Rounded shoulder area with rounded tread block reduces steering forces. The tyre needs less power to steer than traditional harbour tyres for RTG cranes
- › The low heat build-up significantly slows down tyre wear and reduces the risk of tyre damage
- › Low rolling resistance results in low fuel consumption



### Nokian HTS Tugger

Massive load capacity  
for terminal tractors

- › The first tyre on the market that is specially designed for terminal tractors
- › Sturdy multi-layer structure
- › Precise driving response, exceptionally high load capacity



### Nokian Armor Gard

Long service life for materials  
handling machines and excavators

- › Top-class tyre for harbour machinery, lift trucks, mining machinery and excavators
- › Record-breaking mileage
- › Gripping tread design, durable carcass, excellent suitability for retreading
- › Precise and stable driving response
- › Groove depth indicator



### Nokian HTS Straddle

Extreme stability and wear  
resistance

- › Excellent hourly output in varying and demanding conditions
- › Supreme stability enables higher average speed
- › Low rolling resistance reducing fuel consumption
- › High load-bearing capacity
- › Reliable grip



## Sturdy structure for excellent hourly output

The excellent wear resistance and load-bearing capacity of our harbour and material handling tyres are the results of persistent structural development work. Our creative, tested solutions ensure that the tyres move and transport heavy loads easily and steadily and enable reliable around-the-clock working even in crowded and busy places.



Photo: Konecranes

## Careful pressure maintenance has an essential effect on the tyres' driving properties and lifespan

Always comply with machine manufacturers' pressure recommendations! Careful and frequent pressure maintenance is the most secure way to achieve the planned lifespan of the tyre. Low pressure can lead to sidewall damage and abrasion against the rim and, consequently, even premature breaking of the tyre. Making the best of the machine's and tyres' properties ensures efficient work.

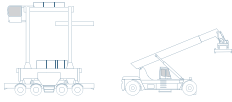
## Only purified oils, no toxic chemicals

When it comes to environmental issues, Nokian Tyres is a pioneer among tyre manufacturers. It was the first tyre company in the world to abandon toxic oils in its production processes and to use purified oils only.



## Nokian HTS

Cross-ply



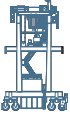
Size	PR	Pattern	TT/TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circumference		Inflation pressure		Load capacity kg/lb								Product code
						New mm/in		Max mm/in		New mm/in		Max mm/in		mm±2.5%/in±2.5%		mm±2.5%/in±2.5%		kPa/p.s.i.		Forklift trucks				Other vehicles				
																		25 km/h / 15 mph		35 km/h / 22 mph				10 km/h / 5 mph		25 km/h / 15 mph		
						Steering		Drive		Steering		Drive																
14.00-24	28	HTS E-3	TL	10.00 VA, 10.00 WA	10.0, 10.00W	375 14.8	405 15.9	1368 53.9	1414 55.7	624 24.6	4115 162.0	1000 145	9500 20945	12350 27225	8790 19380	11875 26180	12350 27225	9500 20945	T488311									
16.00-25	28	HTS E-3	TL	11.25/2.0	13.00/2.0	432 17.0	480 18.9	1493 58.8	1561 61.5	672 26.5	4474 176.1	900 131	11500 25355	14950 32960	10640 23455	14380 31700	14950 32960	11500 25355	T488411									
16.00-25	36	HTS E-4	TL	11.25/2.0	13.00/2.0	432 17.0	480 18.9	1548 60.9	1623 63.9	694 27.3	4618 181.8	1000 145	12150 26785	15795 34820	11240 24780	15190 33490	15795 34820	12150 26785	T488431									
18.00-25	40	HTS E-4	TL	13.00/2.5	15.00/2.5	498 19.6	553 21.8	1673 65.9	1758 69.2	772 30.4	4935 194.3	1000 145	17500 38580	22750 50155	16190 35690	21875 48225	22750 50155	17500 38580	T488530									
18.00-25	40	HTS L-4S	TL	13.00/2.5	15.00/2.5	498 19.6	553 21.8	1673 65.9	1758 69.2	765 30.1	5100 200.8	1000 145	17500 38580	22750 50155	16190 35690	21875 48225	22750 50155	17500 38580	T445329									
18.00-33	40	HTS E-4	TL	13.00/2.5		498 19.6	553 21.8	1865 73.4	1960 77.2	853 33.6	5554 218.7	1000 145	21200 46740	27560 60760	19610 43230	26500 58420	27560 60760	21200 46740	T445514									
18.00-33	40	HTS L-4S	TL	13.00/2.5		498 19.6	553 21.8	1857 73.1	1960 77.2	838 33.0	5617 221.1	1000 145	21200 46740	27560 60760	19610 43230	26500 58420	27560 60760	21200 46740	T445458									

## Nokian HTS Tugger

Radial



Size	LI/SS	Pattern	TT/TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circumference		Inflation pressure		Load capacity kg/lb								Product code
						New mm/in		Max mm/in		New mm/in		Max mm/in		mm±2.5%/in±2.5%		mm±2.5%/in±2.5%		kPa/p.s.i.		Forklift trucks				Other vehicles				
																		25 km/h / 15 mph		35 km/h / 22 mph				10 km/h / 5 mph		25 km/h / 15 mph		
						Steering		Drive		Steering		Drive																
315/60R22.5	174 A5	HTS Tugger	TL	9.00	9.75	302 11.9	308 12.1	950 37.4	966 38.0	425 16.7	2890 113.8	1000 145	6700 14770	8700 19180	6200 13670	8400 18520	8700 19180	6700 14770	T445221									



## Nokian RTG

Cross-ply

Size	PR	Pattern	TT/TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circumference		Inflation pressure		Load capacity kg/lb								Product code
						New mm/in		Max mm/in		New mm/in		Max mm/in		mm±2.5%/in±2.5%		mm±2.5%/in±2.5%		kPa/p.s.i.		Forklift trucks				Other vehicles				
																		25 km/h / 15 mph		35 km/h / 22 mph				10 km/h / 5 mph		25 km/h / 15 mph		
						Steering		Drive		Steering		Drive																
14.00-24	28	RTG	TL	10.00 VA, 10.00 WA	10.0, 10.00W	375 14.8	405 15.9	1368 53.9	1414 55.7	629 24.8	4147 163.3	1000 145	9500 20945	12350 27225	8790 19380	11875 26180	12350 27225	9500 20945	T445471									
18.00-25	40	RTG	TL	13.00/2.5	15.00/2.5	498 19.6	553 21.8	1673 65.9	1758 69.2	746 29.4	5014 197.4	1000 145	17500 38580	22750 50155	16190 35690	21875 48225	22750 50155	17500 38580	T445468									

## Nokian Armor Gard

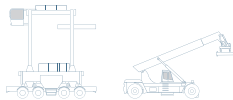
Cross-ply



Size	PR	Pattern	TT/TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circumference		Inflation pressure		Load capacity kg/lb								Product code				
						New mm/in		Max mm/in		New mm/in		Max mm/in		mm±2.5%/in±2.5%		mm±2.5%/in±2.5%		kPa/p.s.i.		Forklift trucks				Other vehicles								
																		25 km/h / 15 mph		35 km/h / 22 mph				10 km/h / 5 mph		25 km/h / 15 mph			40 km/h / 25 mph		50 km/h / 30 mph	
						Steering		Drive		Steering		Drive																				
9.00-20	14	Armor Gard	TT	7.0	7.5	269 10.6	291 11.5	1026 40.4	1057 41.6	469 18.5	3017 118.8	900 131	4500 9920	5850 12895	4165 9180	5625 12400	5850 12895	4500 9920	4005 8830	3780 8335	T445452											
10.00-20	16	Armor Gard	TT	7.5	8.0	280 11.0	302 11.9	1061 41.8	1094 43.1	482 19.0	3119 122.8	900 131	5000 11025	6500 14330	4625 10195	6250 13780	6500 14330	5000 11025	4450 9810	4200 9260	T445451											
11.00-20	16	Armor Gard	TT	8.0	8.5	298 11.7	322 12.7	1091 43.0	1126 44.3	493 19.4	3208 126.3	900 131	5600 12345	7280 16050	5180 11420	7000 15430	7280 16050	5600 12345	4980 10980	4700 10360	T445450											
12.00-20	20	Armor Gard	TT	8.5	9.0	325 12.8	351 13.8	1125 44.3	1162 45.7	516 20.3	3393 133.6	1000 145	6900 15210	8970 19775	6385 14075	8625 19015	8970 19775	6900 15210	6145 13545	5800 12785	T445459											

## Nokian HTS Straddle

Radial



Size	LI/SS	Pattern	TT/TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circumference		Inflation pressure		Load capacity kg/lb								Product code
						New mm/in		Max mm/in		New mm/in		Max mm/in		mm±2.5%/in±2.5%		mm±2.5%/in±2.5%		kPa/p.s.i.		Forklift trucks				Other vehicles				
																		25 km/h / 15 mph		35 km/h / 22 mph				10 km/h / 5 mph		25 km/h / 15 mph		
						Steering		Drive		Steering		Drive																
16.00R25	200 A5	HTS Straddle	TL	11.25/2.0	-	430 16.9	467 18.4	1510 59.4	1553 61.1	677 26.7	4643 182.8	1000 145	14000 30865	18200 40125	12950 28550	17500 38580	18200 40125	14000 30865	T445418									



## A forerunner in special tyres

The unique qualities of Nokian Heavy Tyres arise from the knowledge of extreme usage conditions and respect for nature. We also lead a continuous, close dialogue with our customers.

We are passionate about developing even more functional solutions and tools for forest, field, road, terminal and mine work. Relying on our persistence and creativity, we can ensure you safe and efficient work. We provide flexible service in all cases to help you achieve your goals.

# NOKIAN HEAVY TYRES

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