

Earthmoving and road maintenance equipment tyres

nokian[®]
HEAVY TYRES





Nokian Loader Grip / Nokian Loader Grip 2

Absolute grip and durability for wheel loaders and other work machines

- › Excellent traction and lateral grip on soft gravel and slippery roads
- › Strong and sturdy structure - stability even on demanding working sites
- › Abrasion safeguard protects against sidewall cuts and chafing



Nokian Loader Grip 3

High traction special tyre for articulated wheel loaders and dump trucks

- › Nokian Loader Grip 3's sharp edged pattern design provides high non-directional traction for great productivity and safety
- › Strong sidewalls with extra protective rib
- › Groove geometry is designed for excellent self-cleaning
- › Optimal tread-block size offers great ground contact and All-Steel construction provides long service life



Nokian Armor Gard

Long service life for material handling equipment and loaders

- › Precise and stable driving response
- › Durable carcass
- › Good traction
- › Record-breaking mileage
- › Tread wear indicator for easy checking of the remaining tread



Nokian TRI Steel

Steel protection for special applications

- › Special tyre for wheel loaders and handlers in recycling applications
- › Steel protection against punctures
- › Excellent choice for telescopic handlers



Nokian TRI Backhoe

Stability and reliable grip for backhoe loaders

- › Strengthened carcass
- › Excellent traction and lateral grip
- › Stability for transportation
- › Enables the use of loader even without support legs



Nokian GRS

Superb grip for graders

- › Good winter driving properties
- › Also for excavator use when winter grip is needed
- › Excellent driving comfort



Nokian TRI 2

Reliable performance all year round

- › Efficient working hours for versatile contracting
- › Unique wear resistance
- › Good self-cleaning
- › Comfortable on-road driving
- › Stable and smooth driving response
- › High speed category (max 65 km/h / 40 mph)

Nokian Nordman Mine E-4

Durability for underground trucks

- › Durable special tyre for underground trucks
- › Excellent choice also for quarries
- › Cost effective mine tyre – EUR/h
- › All-Steel construction offers a long service life



Nokian TRS LS-2 SF Excavator

Reliable traction

- › Tubeless tyre for excavators
- › Excellent tractional features for road contracting and agriculture
- › Cut resistant compound
- › Steel fortified against punctures



Nokian Forest Rider

Efficiency for versatile forestry contracting, tractors and forestry machines

- › A sturdy and stable radial special tyre for heavy forest-use tractors and forestry machines
- › A more pleasant and smoother driving response than with traditional forestry tyres, which enhances the comfort and ergonomics of use in versatile harvesting and forest soil cultivating tasks
- › High load capacity
- › Low rolling resistance reducing fuel consumption
- › Excellent traction and grip thanks to radial structure and optimised lug angle

Nokian Nordman Mine E-4
Radial

Size	PR	Pattern	TT/ TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circum- ference		Max inflation pressure		Load capacity kg/lb		Max inflation pressure		Load capacity kg/lb		Product code
						New mm/in	Max mm/in	New mm/in	Max mm/in	New mm/in	Max mm/in	mm±2.5%/ in±2.5%	mm±2.5%/ in±2.5%	mm±2.5%/ in±2.5%	mm±2.5%/ in±2.5%	kPa/p.s.i.	kPa/p.s.i.	10 km/h 5 mph	40 km/h 30 mph	11 500 14 000	25 355 30 865	450 450	65 65	11 500 14 000	25 355 30 865	
26.5R25 29.5R25	*** ***	Mine E-4 Mine E-4	TL TL	22.00/3.0 25.00/3.5	22.00/3.0 IF 25.00/3.5 IF	673 750	26.5 29.5	747 833	29.4 32.7	1 798 1 921	70.7 75.6	1 891 2 024	74.4 79.6	769 817	30.3 32.2	5 353 5 749	210.7 226.3	575 575	83 83	18 500 22 400	40 785 49 385	450 450	65 65	11 500 14 000	25 355 30 865	T845483 T845482

Nokian GRS
Radial

Size	LI/SS	Pattern	TT/ TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circum- ference		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.		40 km/h / 25 mph		
14.00R24 17.5R25	153 A8 153 A8	GRS GRS	TL TL	10.00VA SDC 14.00 / 1.5	8.00TG SDC, 9.00 / 1.5 DC 14.00 / 1.3(DC)	362 445	14.3 17.5	392 494	15.4 19.4	1 348 1 348	53.1 53.1	1 392 1 405	54.8 55.3	613 605	24.1 23.8	4 070 4 040	160.2 159.1	375 300	54 44	3 650 3 650	8 045 8 045	T493551 T493560

Nokian Forest Rider
Radial

Size	LI/SS	Pat- tern Forest	Steel belted	TT/ TL	Rim	Permitted rims	Width		Diameter		Loaded static radius		Rolling circum- ference		Inflation pres- sure		Load capacity kg/lb								Product code
							mm	/in	mm	/in	mm±2,5% / in±2,5%	mm±2,5% / in±2,5%	kPa / p.s.i.	10 km/h / 5 mph		30 km/h / 20 mph		40 km/h / 25 mph		50 km/h / 30 mph					
600/60R28	159 A8/167 A2	Rider	SB	TL	DW18B	W18L, DW20B	600	23.6	1 431	56.3	653	25.7	4 323	170.2	360	52	5 450	12 015	4 680	10 320	4 375	9 645	3 980	8 775	T445466
600/70R30	165 A8/172 A2	Rider	SB	TL	DW20B	DW18L, TW18L, TW20B	600	23.6	1 602	63.1	730	28.7	4 869	191.7	360	52	6 300	13 890	5 510	12 145	5 150	11 355	4 690	10 340	T445461
600/65R34	165 A8/172 A2	Rider	SB	TL	DW20B	DW18L, TW18L, TW20B	600	23.6	1 644	64.7	763	30.0	5 008	197.2	360	52	6 300	13 890	5 510	12 145	5 150	11 355	4 690	10 340	T445460
710/55R34	171 A8/178 A2	Rider	SB	TL	DW24B	DW23B	710	28.0	1 640	64.6	755	29.7	4 977	195.9	400	58	7 500	16 535	6 580	14 505	6 150	13 560	5 600	12 345	T445455
650/65R38	171 A8/178 A2	Rider	SB	TL	DW20B	DW23B	645	25.4	1 811	71.3	834	32.8	5 517	217.2	360	52	7 500	16 535	6 580	14 505	6 150	13 560	5 600	12 345	T445464
650/85R38	179 A8/186 A2	Rider	SB	TL	DW20B	DW23B	650	25.6	2 071	81.5	960	37.8	6 321	248.9	360	52	9 500	20 945	8 290	18 275	7 750	17 085	7 050	15 540	T445457

Nokian TRI 2
Radial

Size	LI / SS	Rim	Permitted rims	Width		Diameter		Loaded static radius		Rolling circumference		Speed Radius Index	Max inflation pressure			Load capacity kg / lbs						Product code	
				mm / in		mm / in		mm±2.5% / in±2.5%		mm±2.5% / in±2.5%			SRI	kPa / p.s.i.			30 km/h / 20 mph	40 km/h / 25 mph	50 km/h / 30 mph	65 km/h / 40 mph			
80-SERIES																							
250/80R16 ¹⁾	119 G	W8	W7,7J,7.5J,8J,8.5J,W9,9,9.00,9J	268	10.6	814	32.0	383	15.1	2 488	98.0	390	450	65	1 820	4 010	1 750	3 860	1 650	3 640	1 550	3 415	T84549
340/80R18	138 D	11	W10, W11, 12, W12	343	13.5	1 001	39.4	453	17.8	3 010	118.5	475	400	58	2 840	6 260	2 725	6 010	2 570	5 665	2 360	5 205	T445391
360/80R20	143 D	11	W10, W11, 12, W12	357	14.1	1 092	43.0	495	19.5	3 280	129.1	500	400	58	3 200	7 055	3 075	6 780	2 900	6 395	2 725	6 010	T445389
300/80R24	128 D	DW10	W9, W10, W11, DW11	295	11.6	1 090	42.9	499	19.6	3 292	129.6	525	320	46	2 150	4 740	2 060	4 540	1 940	4 275	1 800	3 970	T445419
340/80R24	135 D	DW11	W10, W11, W12, DW10, DW12	343	13.5	1 154	45.4	532	20.9	3 487	137.3	550	320	46	2 600	5 730	2 500	5 510	2 350	5 180	2 180	4 805	T445376
360/80R24	138 D	DW11	W10, W11, W12, W13, DW10, DW12, DW13	357	14.1	1 186	46.7	542	21.3	3 581	141.0	575	320	46	2 840	6 260	2 725	6 010	2 570	5 665	2 360	5 205	T445378
400/80R24	144 D	DW13	W12, W13, W14L, DW12, DW14L	404	15.9	1 250	49.2	568	22.4	3 764	148.2	600	320	46	3 380	7 450	3 250	7 165	3 060	6 745	2 800	6 175	T445372
440/80R24	149 D	DW14L	W15L, DW15L	441	17.4	1 314	51.7	596	23.5	3 965	156.1	625	320	46	3 900	8 600	3 750	8 265	3 540	7 805	3 250	7 165	T445385
400/80R28	146 D	DW13	W12, W13, W14L, DW12, DW14L	404	15.9	1 351	53.2	620	24.4	4 090	161.0	650	320	46	3 600	7 935	3 450	7 605	3 260	7 185	3 000	6 615	T445383
440/80R28	151 D	DW14L	W15L, W16L, DW15L, DW16L	441	17.4	1 415	55.7	644	25.4	4 266	168.0	675	320	46	4 160	9 170	4 000	8 820	3 760	8 290	3 450	7 605	T445337
440/80R30	153 D	DW14L	DW15L, W16L	441	17.4	1 466	57.7	670	26.4	4 430	174.4	700	320	46	4 300	9 480	4 125	9 095	3 880	8 555	3 650	8 045	T445384
480/80R30	157 D	DW15L	DW16L, DW18L	479	18.9	1 530	60.2	694	27.3	4 631	182.3	725	320	46	4 940	10 890	4 750	10 470	4 480	9 875	4 125	9 095	T445386
440/80R34	155 D	DW14L	DW15L, DW16L	441	17.4	1 568	61.7	717	28.2	4 750	187.0	750	320	46	4 560	10 055	4 375	9 645	4 120	9 085	3 875	8 545	T445369
480/80R34	159 D	DW15L	DW16L, DW18L	479	18.9	1 632	64.3	743	29.3	4 939	194.4	775	320	46	5 200	11 465	5 000	11 025	4 700	10 360	4 375	9 645	T445370
480/80R38	161 D	DW15L	DW16L, DW18L	479	18.9	1 733	68.2	793	31.2	5 265	207.3	825	320	46	5 520	12 170	5 300	11 685	5 000	11 025	4 625	10 195	T445377
540/80R38	167 D	DW18L	DW16L	550	21.7	1 829	72.0	834	32.8	5 529	217.7	875	320	46	6 600	14 550	6 300	13 890	5 940	13 095	5 450	12 015	T445338
620/80R42	177 D	DW20B	TW20B, DW21B, TW21B, DW23B, TW23B	625	24.6	2 059	81.1	934	36.8	6 262	246.5	975	320	46	8 600	18960	8250	18 190	7 800	17 195	7 300	16 095	T445518
75-SERIES																							
270/75R15 ¹⁾	109 G	8.5J	7J, 7.5J, 8J, 8.5J, 9, 9.00, 9J, 9.5J	277	10.9	784	30.9	364	14.3	2 393	94.2	370	450	65	1 880	4 145	1 800	3 970	1 700	3 750	1 550	3 415	T845538
250/75R16 ¹⁾	120 G	W8	W7,7J,7.5J,8J,8.5J,W9,9,9.00,9J	258	10.2	782	30.8	363	14.3	2 390	94.1	370	450	65	1 720	3 790	1 650	3 640	1 560	3 440	1 450	3 195	T845539
70-SERIES																							
500/70R24 ¹⁾ (19.5LR24)	159 D	DW16L	DW15L, DW18L	503	19.8	1 310	51.6	585	23.0	3 958	155.8	610	400	58	5 200	11 465	5 000	11 025	4 700	10 360	4 375	9 645	T445467
65-SERIES																							
420/65R24	146 D	DW13	W12, W13, W14L, DW12, DW14L, DW15L	418	16.5	1 156	45.5	525	20.7	3 493	137.5	550	400	58	3 600	7 935	3 450	7 605	3 260	7 185	3 000	6 615	T445392
460/65R24	151 D	DW14L	W15L, W16L, DW15L, DW16L	454	17.9	1 208	47.6	550	21.7	3 638	143.2	575	400	58	4 160	9 170	4 000	8 820	3 760	8 290	3 450	7 605	T445393
540/65R24	154 D	DW18L	DW16L	550	21.7	1 312	51.7	587	23.1	3 952	155.6	625	320	46	4 420	9 745	4 250	9 370	4 000	8 820	3 750	8 265	T445420
480/65R28	149 D	DW15L	DW14L, DW16L	479	18.9	1 335	52.6	604	23.8	4 040	159.1	650	320	46	3 900	8 600	3 750	8 265	3 540	7 805	3 250	7 165	T445444
540/65R28	155 D	DW18L	DW16L	550	21.7	1 413	55.6	641	25.2	4 273	168.2	675	320	46	4 680	10 320	4 500	9 920	4 240	9 350	3 875	8 545	T445442
540/65R30	156 D	DW18L	DW16L	550	21.7	1 464	57.6	667	26.3	4 417	173.9	700	320	46	4 820	10 625	4 625	10 195	4 360	9 610	4 000	8 820	T445371
600/65R38	166 D	DW18L	DW20B	591	23.3	1 745	68.7	790	31.1	5 290	208.3	825	320	46	6 250	13 780	6 000	13 230	5 640	12 435	5 300	11 685	T445445
650/65R38	170 D	DW20B	DW18L, DW23B	645	25.4	1 811	71.3	819	32.2	5 510	216.9	875	320	46	7 200	15 875	6 900	15 210	6 500	14 330	6 000	13 280	T445443
650/65R42	171 D	DW20A	DW18L, DW23A	645	25.4	1 913	75.3	873	34.4	5 799	228.3	925	320	46	7 400	16 315	7 100	15 655	6 700	14 770	6 150	13 560	T445390

Nokian Loader Grip

Radial * All-Steel Radial



Size	LI/SS	Pattern	TT/ TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circum- ference		Inflation pres- sure kPa / p.s.i.	Load capacity kg/lb		Inflation pres- sure kPa / p.s.i.	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%	10 km/h / 5 mph	50 km/h / 30 mph													
17.5R25	157 B/176 A2	Loader Grip	TL	14.00/1.5	14.00/1.3(DC), 13.00/1.4(DC)	445	17.5	494	19.4	1 348	53.1	1 405	55.3	594	23.4	4 059	159.8	450	65	7 100	15 655	350	51	4 125	9 095	T445255
20.5R25	168 B/186 A2	Loader Grip	TL	17.00/2.0	-	521	20.5	577	22.7	1 493	58.8	1 561	61.5	648	25.5	4 500	177.2	450	65	9 500	20 945	350	51	5 600	12 345	T445171
23.5R25	176 B/195 A2	Loader Grip	TL	19.50/2.5	-	597	23.5	663	26.1	1 617	63.7	1 696	66.8	700	27.6	4 880	192.1	450	65	12 150	26 785	350	51	7 100	15 655	T445223
15.5R25	152 B/169 A2	Loader Grip 2	TL	12.00/1.3	13.00/1.4(DC)	394	15.5	437	17.2	1 277	50.3	1 328	52.3	558	22.0	3 870	152.4	450	65	5 800	12 785	350	51	3 550	7 825	T445463
17.5R25*	167 B/182 A2	Loader Grip 2	TL	14.00/1.5	14.00/1.3(DC), 13.00/1.4(DC)	445	17.5	494	19.4	1 348	53.1	1 405	55.3	589	23.2	4 053	159.6	575	83	8 500	18 740	450	65	5 450	12 015	T845478
20.5R25*	177 B/193 A2	Loader Grip 3	TL	17.00/2.0	17.00/2.5 IF	520	20.5	577	22.7	1 492	58.7	1 561	61.5	648	-	4 505	-	575	83	11 500	25 355	450	65	7 300	16 095	T845479
23.5R25*	185 B/201 A2	Loader Grip 3	TL	19.50/2.5	19.50/2.5 IF	597	23.5	663	26.1	1 617	63.7	1 696	66.8	701	-	4 863	-	575	83	14 500	31 965	450	65	9 250	20 395	T845480
26.5R25*	193 B/209 A2	Loader Grip 3	TL	22.00/3.0	22.00/3.0 IF	673	26.5	747	29.4	1 750	70.8	1 839	74.4	749	29.9	5 284	211.36	575	83	18 500	40 785	450	65	11 500	25 355	T845481

Nokian Armor Gard

Diagonal



Size	PR	Pattern	TT/TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circumference		Inflation pressure		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.		
10.00-20	16	Armor Gard	TT	7.5, 8.5	7.0, 8.0	280	11.0	302	11.9	1 061	41.8	1 094	43.1	482	19.0	3 119	122.8	900	131	T445451
11.00-20	16	Armor Gard	TT	8.0	7.5, 8.5	298	11.7	322	12.7	1 091	43.0	1 126	44.3	493	19.4	3 208	126.3	900	131	T445450
12.00-20	20	Armor Gard	TT	8.5	8.0, 9.0	325	12.8	351	13.8	1 125	44.3	1 162	45.7	516	20.3	3 393	133.6	1 000	145	T445459

Size	Load capacity kg/lb																Product code
	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										
10.00-20	5 000	11 025	6 500	14 330	4 625	10 195	6 250	13 780	6 500	14 330	5 000	11 025	4 450	9 810	4 200	9 260	T445451
11.00-20	5 600	12 345	7 280	16 050	5 180	11 420	7 000	15 430	7 280	16 050	5 600	12 345	4 980	10 980	4 700	10 360	T445450
12.00-20	6 900	15 210	8 970	19 775	6 385	14 075	8 625	19 015	8 970	19 775	6 900	15 210	6 145	13 545	5 800	12 785	T445459

Nokian TRI Steel

Radial



Size	LI/SS	Pattern	TT/ TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circum- ference		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.		40 km/h/ 25 mph	50 km/h/ 30 mph	65 km/h/ 40 mph				
460/65R24	156 A8/151 D	TRI	TL	DW13	W13, DW13L, W14L, DW14L, W15L, DW15L	437	17.2	459	18.1	1 185	46.7	1 208	47.6	545	21.5	3 620	142.5	400	58	4 000	8 820	3 760	8 290	3 450	7 605	T445245
480/65R24	151 A8/146 D	TRI	TL	DW14L	W14L, W15L, DW15L, W16L, DW16L	470	18.5	494	19.4	1 240	48.8	1 265	49.8	565	22.2	3 740	147.2	320	46	3 450	7 605	3 260	7 185	3 000	6 615	T445222

Nokian TRI backhoe

Bias beltet



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.	30 km/h / 20 mph	40 km/h / 25mph	50 km/h / 30 mph										
18.4 B 30	159 B	TRI	TL	DW16	DW15, DW15L	467	18.4	490	19.3	1 516	59.7	1 552	61.1	700	27.6	4 486	176.6	320	46	4 810	10 605	4 625	10 195	4 375	9 645	T445330
580/65 B 30	161 B	TRI	TL	DW16	DW16L, DW18L, DW20B	580	22.8	609	24.0	1 516	59.7	1 552	61.1	698	27.5	4 530	178.3	320	46	5 360	11 815	5 150	11 355	4 625	10 195	T445293
580/65 B 34	164 B	TRI	TL	DW16	DW16L, DW18L, DW20B	580	22.8	609	24.0	1 618	63.7	1 668	65.7	752	29.6	4 832	190.2	320	46	5 670	12 500	5 450	12 015	5 000	11 025	T445294

Nokian TRS LS-2 SF Excavator

Diagonal



Size	PR	Pattern	TT/TL	Steel fortified	Rim	Width				Diameter				Loaded static radius		Rolling circum- ference		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%		
600/50-22.5	20	TRS LS-2	TL	SF	AG20.00	601	23.7	631	24.8	1 150	45.3	1 186	46.7	528	20.8	3 481	137.0	T445380
700/45-22.5	20	TRS LS-2	TL	SF	AG24.00	700	27.6	735	28.9	1 150	45.3	1 186	46.7	521	20.5	3 456	136.1	T445381

Size	Max inflation pressure		Inflation pressure		Load capacity kg/lb										Product code		
					0 km/h / 0 mph		5 km/h / 3 mph		10 km/h / 5 mph		20 km/h / 12 mph		30 km/h / 20 mph			40 km/h / 25 mph	
	kPa / p.s.i.		kPa / p.s.i.														
600/50-22.5	480	70	320	46	9 125	20 115	7 275	16 040	5 425	11 960	4 875	10 745	4 325	9 535	3 875	8 545	T445380
			360	52	10 125	22 320	7 975	17 580	5 950	13 115	5 350	11 795	4 725	10 415	4 250	9 370	
			480	70	11 200	24 690	8 925	19 675	6 650	14 660	5 975	13 170	5 300	11 685	4 750	10 470	
700/45-22.5	480	70	320	46	10 600	23 370	8 450	18 630	6 300	13 890	5 650	12 455	5 025	11 080	4 500	9 920	T445381
			360	52	11 775	25 960	9 400	20 725	7 000	15 430	6 275	13 835	5 575	12 290	5 000	11 025	
			480	70	12 850	28 330	10 250	22 595	7 625	16 810	6 850	15 100	6 075	13 395	5 450	12 015	



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.

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