

# Mining tyres

**NOKIAN<sup>®</sup>**  
**HEAVY TYRES**



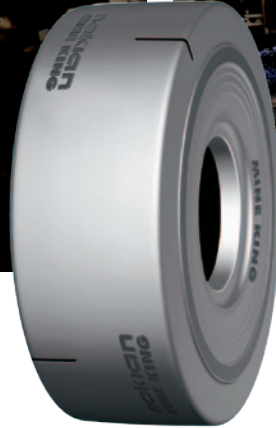
## MINING TYRES



Photo: Sandvik



Photo: Normet



### Nokian Mine L-55

Power and stability for mining loaders

- › Due to its special rubber compound, this durable tyre is an excellent choice for underground mining loaders and mining machinery
- › Thick sidewalls with abrasion protection
- › Stable working tyre with a long service life

### Nokian Mine King L-55

Tyre for extreme underground loading applications

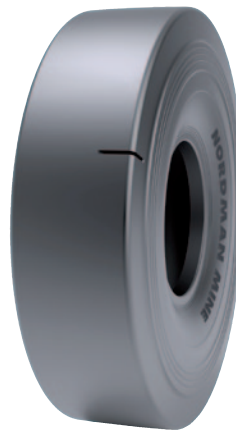
- › More layers to enhance tyre safety in demanding applications
- › New carcass and bead materials enables the increase of maximum inflation pressure up to 8 bar (In 12.00-20 up to 10 bar)
- › Higher load capacity gives possibility to use the tyre in more efficient and heavier machines
- › Tread depth indicator for easy checking of the remaining tread



### Nokian Mine E-3

Sturdiness and reliability for drill rigs

- › Sturdy special tyre for drill rigs
- › Durable tread ensures long lifespan
- › Stable driving response



### Nokian Nordman Mine L-55

Efficiency and comfortability for underground mining

- › Sturdy tyre keeps the machine steady
- › Reliable driving even in corners
- › Durable cross-ply structure
- › Cost effective mine tyre – EUR/h



Photo: Sandvik



## Nokian Mine L-3S

Especially designed for use with chains

- › Excellent durability and stability
- › Chains can be fitted instantly and will fit most of the machines without modifications
- › Nokian Mine L-3S with protection chains increases productivity and maximizes tyre life

## Nokian Industrial Mine

Durability and agility for drill rigs

- › Light and agile special tyre for drill rigs and other mining machines
- › Durable rubber compound tailored specifically for mining use
- › Abrasion protection that minimises sidewall damage



## 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



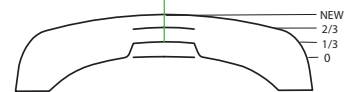
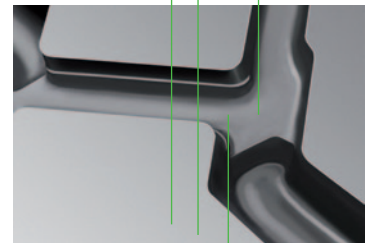
## Nokian Armor Gard Mine

Long service life for mining machines

- › Top-class tyre for mining machinery, lift trucks and excavators
- › Record-breaking mileage
- › Tread design with excellent traction
- › Durable construction
- › Precise and stable driving response
- › Tread depth indicator

### Tread depth indicator

Regular tyre maintenance is made easier by the tread depth indicator. This indicator helps you to easily monitor the tread wear of the tyre.



## Nokian Mine L-5S

Cross-ply



Size	PR	Pattern	TT/TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circumference		Max 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.	0 km/h 0 mph	5 km/h 3 mph	10 km/h 5 mph											
12.00-20	20	Mine L-5S	TT	8.5	9.0	320	12.6	349	13.7	1 166	45.9	1 203	47.4	543	21.4	3 428	135.0	850	123	10 300	22 705	7 300	16 095	6 440	14 200	T487630
18.00-25	28	Mine L-5S	TL	13.00/2.5	15.00/2.5	498	19.6	553	21.8	1 673	65.9	1 758	69.2	772	30.4	4 935	194.3	650	94	21 750	47 950	15 400	33 950	13 600	29 985	T445325
26.5-25	36	Mine L-5S	TL	22.00/3.0		673	26.5	747	29.4	1 798	70.8	1 891	74.4	829	32.6	5 485	215.9	625	91	29 600	65 255	20 900	46 075	18 500	40 785	T445324

Nokian Mine L-5S tyres will be replaced by Nokian Mine King L-5S tyres as shown below.

## Nokian Mine King L-5S

Cross-ply



Size	PR	Pattern	TT/TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circumference		Inflation pressure		Load capacity kg/lb						Available	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.	0 km/h 0 mph	5 km/h 3 mph	10 km/h 5 mph												
12.00-20	20	Mine King L-5S	TT	8.5	9.0	320	12.6	349	13.7	1 166	45.9	1 203	47.4	574	22.6	3569	140.5	850	123	10 300	22 705	7 300	16 095	6 440	14 200	Q4/2013	T445544
17.5-25	24	Mine King L-5S	TL	14.00/1.5	13.00/1.4(OC)	445	17.5	494	19.4	1 399	55.1	1 460	57.5	661	26.0	4291	168.9	675	98	14 400	31 745	10 300	22 705	9 000	19 840	Available	T445540
18.00-25	32	Mine King L-5S	TL	13.00/2.5	15.00/2.5	498	19.6	553	21.8	1 673	65.9	1 758	69.2	772	30.4	5120	201.6	750	109	24 000	52 910	17 100	37 700	15 000	33 070	Available	T445545
26.5-25	36	Mine King L-5S	TL	22.00/3.0		673	26.5	747	29.4	1 798	70.8	1 891	74.4	829	32.6	5504	216.7	625	91	29 600	65 255	20 900	46 075	18 500	40 785	Available	T445546
29.5-29	40	Mine King L-5S	TL	25.00/3.5		750	29.5	833	32.8	2023	79.6	2 126	83.7	925	36.4	6145	241.9	625	91	37 800	83 335	26 900	59 305	23 600	52 030	Available	T445547

### Cut resistant CCR rubber compound increases reliability

Uneven grounds and rough surfaces call for absolute tyre durability. Developed particularly for mining tyres, the CCR (cut and crack resistant) rubber compound enhances demanding transportation and mining tasks and increases tyre reliability and operating life. This compound has been developed and tested in close co-operation with machine manufacturers.



Photo: Sandvik

### 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 expected lifespan of the tyre. Low pressure can lead to sidewall damages and abrasion against the rim and, consequently, even premature breakage 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 Mine L-3S

Cross-ply



Size	PR	Pattern	TT/TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circumference		Max 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.		0 km/h 0 mph		5 km/h 3 mph		10 km/h 5 mph		
26.5-25	36	Mine L-3S	TL	22.00/3.0		650	25.6	722	28.4	1 700	66.9	1 785	70.3	772	30.4	824	32.4	625	91	29 600	65 255	20 900	46 075	18 500	40 785	T445522

## Nokian Nordman Mine L-5S

Cross-ply



Size	PR	Pattern	TT/TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circumference		Max 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.		0 km/h 0 mph		5 km/h 3 mph		10 km/h 5 mph		
12.00-20	20	Mine L-5S	TL	8.5	9.0	320	12.6	349	13.7	1 166	45.9	1 203	47.4	543	21.4	3531	139.0	850	123	10 300	22 705	7 300	16 095	6 400	14 110	T845494
17.5-25	24	Mine L-5S	TL	14.00/1.5	13.00/1.4(DC)	445	17.5	494	19.4	1 399	55.1	1 460	57.5	660	26.0	4291	168.9	675	97	14 400	31 745	10 300	22 705	9 000	19 840	T845493
18.00-25	32	Mine L-5S	TL	13.00/2.5	15.00/2.5	498	19.6	553	21.8	1 673	65.9	1 758	69.2	773	30.4	5083	200.1	750	108	24 000	52 910	17 100	37 700	15 000	33 070	T845492

## Nokian Nordman Mine E-4

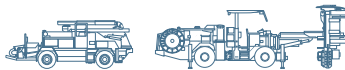
All Steel Radial



Size	PR	Pattern	TT/TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circumference		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		mm±2.5%/in±2.5%		mm±2.5%/in±2.5%		kPa/p.s.i.		10 km/h 5 mph		kPa/p.s.i.		50 km/h 30 mph		
26.5R25	**	Mine E-4	TL	22.00/3.0	22.00/3.0 IF	673	26.5	747	29.4	1 798	70.7	1 891	74.4	769	30.3	5 353	210.7	575	83	18 500	40 785	450	65	11 500	25 355	T845483
29.5R25	**	Mine E-4	TL	25.00/3.5	25.00/3.5 IF	750	29.5	833	32.7	1 921	75.6	2 024	79.6	817	32.2	5 749	226.3	575	83	22 400	49 385	450	65	14 000	30 865	T845482

## Nokian Industrial Mine

Cross-ply



Size	PR	Pattern	TT/TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circumference		Max 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.		0 km/h 0 mph		10 km/h 5 mph		25 km/h 15 mph		
14.00-24	28	Industrial Mine	TT	10.0	10.00VA, 10.00W	375	14.8	405	15.9	1 368	53.9	1 414	55.7	627	24.7	4 121	162.2	1 000	145	14 345	31 625	12 350	27 225	9 500	20 945	T445446

## Nokian Mine E-3

Cross-ply



Size	PR	Pattern	TT/TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circumference		Max 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.		0 km/h 0 mph		10 km/h 5 mph		25 km/h 15 mph		
14.00-24	28	Mine E-3	TL	10.0VA, 10.00WA	10.0, 10.00W	375	14.8	405	15.9	1 368	53.9	1 414	55.7	634	25.0	4 134	162.8	1 000	145	14 345	31 625	12 350	27 225	9 500	20 945	T445456

## Nokian Armor Gard Mine

Cross-ply



Size	PR	Pattern	TT/TL	Rim	Permitted rims	Width				Diameter				Loaded static radius		Rolling circumference		Max 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.		0 km/h 0 mph		10 km/h 5 mph		25 km/h 15 mph		
9.00-20	16	Armor Gard Mine	TT	7.0	7.5	269	10.6	291	11.5	1 026	40.4	1 057	41.6	497	19.6	3 123	123.0	1 000	145	7 200	15 875	6 200	13 670	4 750	10 470	T445562
12.00-20	20	Armor Gard Mine	TT	8.5	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	10 420	22 970	8 970	19 775	6 900	15 210	T445449



## 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<sup>®</sup>**  
**HEAVY TYRES**

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