



MAGNA TYRES PREMIUM QUALITY

All over the world, customers of all types of machines have the same ongoing interests:

TO INCREASE THEIR PRODUCTIVITY AND TO REDUCE OPERATING COSTS.

Premium Quality Magna Tyres offer the optimal combination of tyre performance and purchase price, leading to a low cost price per hour/kilometre and a highly efficient operation.

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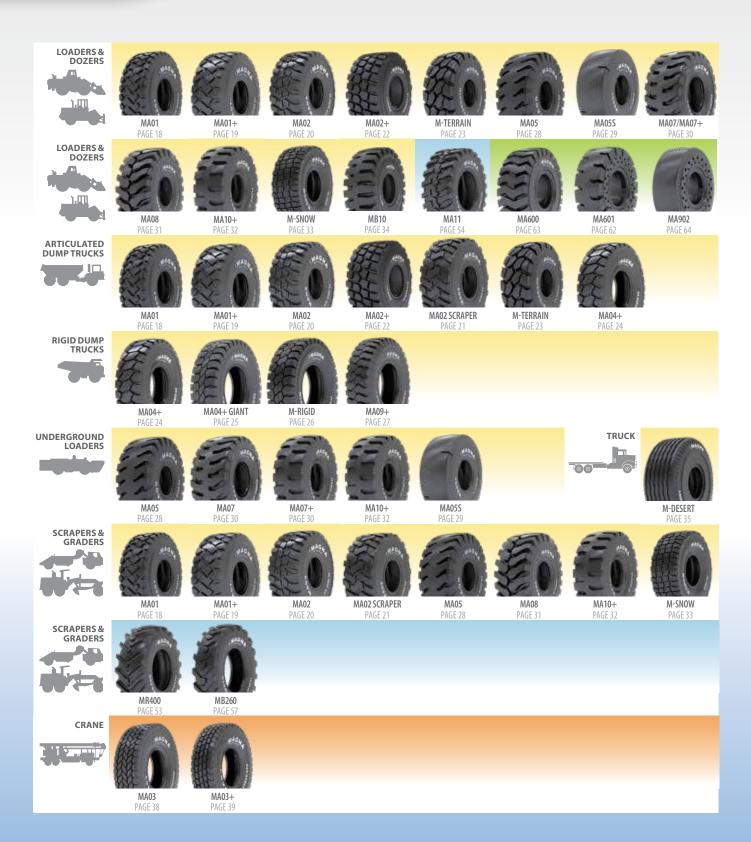


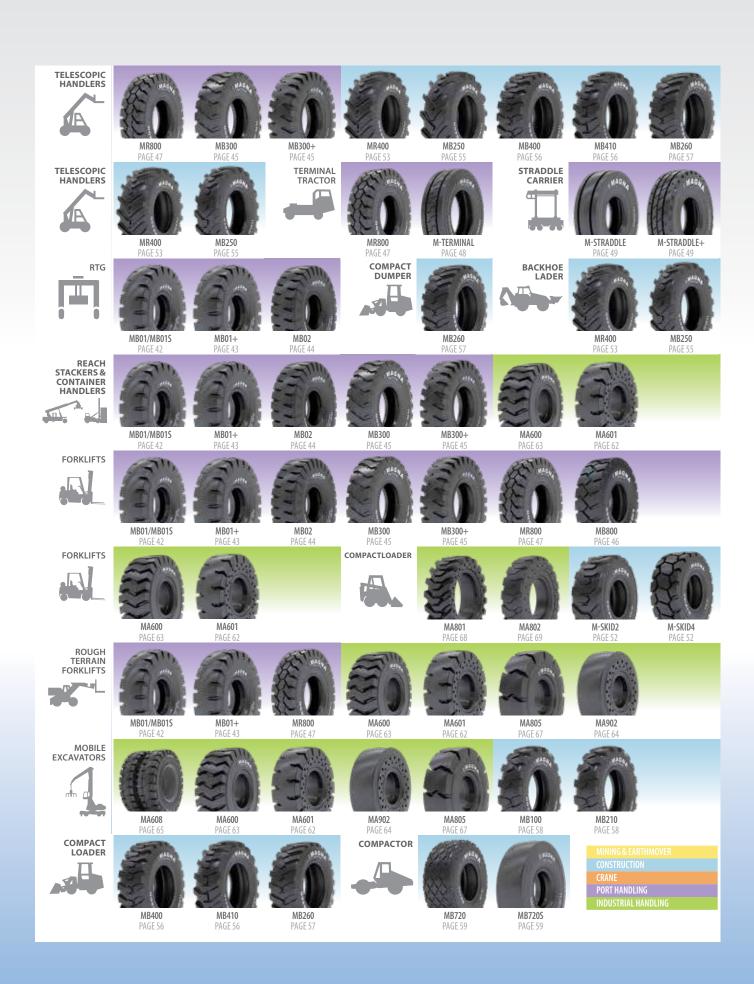
DUTCH PRODUCTION

70



TYRE RANGE







In only one decade Magna Tyres Group evolved from a specialist rubber compound producer to a leading tyre manufacturer with 14 sales offices worldwide and tyres running in more than 130 countries across the world.

With the headquarters based in the southern part of the Netherlands, Magna Tyres Group manufactures and distributes an extensive range (E2/L2 up to E4 and L5) of radial, bias and solid tyres for Mining & Earthmover, Industrial, Agricultural, Port Handling and Truck applications.

VISION

To be a global OTR tyre leader in Mining and Construction, Waste and Recycling, material handling, Port handling and Agriculture.

MISSION

Our goal is to deliver premium quality products that deliver the lowest total cost of ownership / cost price



WHY MAGNA TYRES?



Premium quality compound



Partnerships with leading distributors, OEM and suppliers



Customer focussed



Product of Holland



58.000^{m²} warehouse In the Netherlands



Fast delivery & service via global network

MAGNA TECHNOLOGY

- Improved traction through specialized tread design
- Heavy duty sidewalls guarantee excellent resistance to damage and impacts
- High-tech casing reduces heat buildup inside the tyre
- Enhanced tyre performance due to premium Magna rubber compound





TYPES OF TYRES



TREAD DEPTH AND TREAD DESIGN

Tyre selection is one of the most important factors for tyre life. Choosing the right tyre specification significantly improves tyre life and reduces vehicle operational costs.

Magna Tyres Group offers a broad tyre range with many different tread designs and varying tread depths which all offer specific benefits for different kinds of applications and machinery.

TREAD DEPTH & TRA CODE

According to the Tyre and Rim Association, Incorporated (TRA), there are three general classifications of tread thickness for Off-the-Road tyres: regular, deep and extra-deep. Deep and extra-deep are 1,5 and 2,5 times thicker than regular. The thicker treads have greater cut and wear resistance.

Although thicker treads give greater wear and cut resistance, they also generate and retain more heat. Accordingly, work conditions for tyres with thick treads should be thoroughly evaluated to prevent heat separation and other heat-related damage.

Deep and extra-deep tread tyres have almost the same overall diameter, which is larger than regular tread tyres. When replacing regular tread tyres with deep or extra-deep tread tyres, the larger overall diameters of the thicker tread tyres should be taken into consideration.

ROCK DESIGN

The rock pattern is specially designed to prevent cuts caused by sharp rock. Its large ground contact area provides maximum wear resistance.

Characteristic grooves running across the direction of the travel mark the most popular tread pattern for Off-the-Road tyres.

TRACTION DESIGN

The traction pattern tyre has a directional tread design, which means the direction of mounting on the rim is important. For example, the mounting direction should place the tread facing one way on the drive wheels to produce proper traction, while on the free rolling wheels, the tread should face the opposite direction.

BLOCK PATTERN DESIGN

The block pattern tyre is mostly characterized by wide tread width and rounded shoulders. Under heavy loads, the block pattern's large ground contact area creates low ground contact pressure, for good flotation properties. Therefore, it is well suited for use on soft, muddy ground. This pattern is also called the "alligator" or "button" pattern.

RIB PATTERN DESIGN •

The rib pattern tyre has grooves running parallel to the direction of travel and gives high directional stability. The rib-lug pattern, a variation of the rib pattern, has lugs on the shoulders of the tread. Rib pattern tyres are mainly used on free-rolling wheels.

SMOOTH PATTERN DESIGN

The smooth pattern tyre, designed for tyre rollers, has no grooves. It is used for compacting and levelling. A smooth pattern tyre can also be used on loaders in underground mines because of its high wear and cut resistance. The smooth pattern for loaders, however, has two narrow grooves that are used to measure tread wear.

HIGHWAY DESIGN

This long-lasting, non-directional tread design contributes to efficient fuel consumption and guarantees operating comfort for mobile cranes at highway and offroad usage.

FLOTATION DESIGN

Special flotation tread design optimized for agricultural / transport purposes for agri trucks and trailers.















PRODUCT O DEVELOPMENT

Product development by our R&D department is constantly at the top of our priorities, by:

Continuously improving our existing tyre range.

Continuously converting customer demand into new successful tyres.

By using European technology and a premium quality compound our team is always able to come up with the right solutions for our customers demand, and enabled us to become the fastest growing OTR company worldwide.

Every (1) product improvement or (2) new product starts with an idea on which our R&D department develops an architecture and design. This design is tested and prepared for release management. In this phase everyone who works with Magna products is informed, and is provided with product information, marketing and training. Afterwards the product is released and we start to collect data by testing and requesting feedback from end-users. This is a continuous process as we are continuously improving our tyrerange to guarantee the premium quality Magna customers expect.





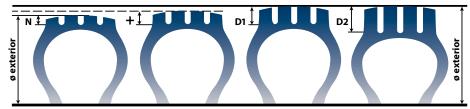
TYRE MARKING



- 1 Manufacturer: Magna Tyres
- Tread pattern: MA02
- 3 Tyre size: 26.5
- A Radial construction: R
- Wheel diameter (in inches): 25
- 6 Tra code: E3+

DIFFERENT TREAD DEPTHS

There are 4 earthmover tyre families characterized by their different tread depths (or tread height) and which are chosen as a function of their use and the surface conditions.



(E2 -E3 - L2 -L3 - G2 -G3)
Traction, rock
Magna designation:
N (Normal)

(E3+, L3+)
Traction, rock
Magna designation:
+ (N < + < D1)

(E4 - L4 - G4)
Rock, deep tread
Magna designation:
D1 = N x 1.5

(L5)
Rock, extra deep tread
Magna designation:
D2 = N x 2,5

STANDARDIZED USAGE (ISO-ETRTO-TRA-JATMA*)

The four main categories of earthmover tyres are defined by their user. The category to which it belongs is indicated on the sidewall of the tyre. This is an international classification:

C Compactor

E Earthmoving

G Grader

L Loader & bulldozer

Within these categories, there are different tread depths and special tread patterns, for very specific uses. These are identified by a number. They must be chosen according to the type of ground and the tyre's condition of use.

The letter "S" indicates a smooth tread; example: L5S.

- 1 Ribbed (normal tread depth)
- 2 Traction (normal tread depth)
- 3 Normal (normal tread depth)
- 4 Deep (deep tread)
- **5** Very deep (very deep tread)
- 7 Flotation (normal tread)

* ISO International Standard Organisation

ETRTO European Tyre and Rim Technical Organisation

TRA Tyre and Rim Association

JATMA Japan Automobile Tyre Manufacturers Association

Code	Tread pattern	Application
C1	SM00TH	Compactor
E1	RIBBED	
E2	TRACTION	
E3	ROCK	Transport
E4	ROCK (deep tread)	
E7	FLOTATION	
G1	RIBBED	
G2	TRACTION	
G3	ROCK	Grader
G4	ROCK (deep tread)	
G5	ROCK (very-deep tread)	
L2	TRACTION	
L3	ROCK	
L4	ROCK (deep tread)	
L5	ROCK (very-deep tread)	Loader Bulldozer
L3S	SM00TH	
L4S	SMOOTH (deep tread)	
L5S	SMOOTH (very-deep tread)	

TECHNICAL INFORMATION

SPEED SYMBOL

Symbol	A2	A6	A8	В	C	D	E	F	G		K	L	М
Speed (km/h)	10	30	40	50	60	65	70	80	90	100	110	120	130
Speed (mph)	6	20	25	30	35	40	45	50	55	60	67	73	80

Examples: 23.5R25 MA02 TL 185B: This tyre is able to carry 9.250kg at a maximum speed of 50km/h (20.390lb at 30mph).

LOAD INDEX (LI) AND MAXIMUM LOAD (KG)

u	Maxim	um load	ш	Maxim	um load	u	Maxim	um load	u	Maxim	um load	u	Maxim	um load
	kg	lb		kg	lb		kg	lb		kg	lb		kg	lb
115	1.215	2.678	146	3.000	6.610	177	7.300	16.090	208	18.000	39.690	239	43.750	96.470
116	1.250	2.755	147	3.075	6.780	178	7.500	16.530	209	18.500	40.790	240	45.000	99.210
117	1.285	2.832	148	3.150	6.950	179	7.750	17.090	210	19.000	41.890	241	46.250	101.960
118	1.320	2.910	149	3.250	7.170	180	8.000	17.640	211	19.500	43.000	242	47.500	104.720
119	1.360	2.998	150	3.350	7.390	181	8.250	18.1 90	212	20.000	44.100	243	48.750	107.470
120	1.400	3.090	151	3.450	7.610	182	8.500	18.740	213	20.600	45.420	244	50.000	110.250
121	1.450	3.200	152	3.550	7.830	183	8.750	19.290	214	21.200	46.750	245	51.500	113.540
122	1.500	3.310	153	3.650	8.050	184	9.000	19.840	215	21.800	48.070	246	53.000	117.950
123	1.550	3.420	154	3.750	8.270	185	9.250	20.390	216	22.400	49.390	247	54.500	120.150
124	1.600	3.530	155	3.875	8.540	186	9.500	20.940	217	23.000	50.700	248	56.000	123.480
125	1.650	3.640	156	4.000	8.820	187	9.750	21.500	218	23.600	52.040	249	58.000	127.890
126	1.700	3.750	157	4.125	9.090	188	10.000	22.050	219	24.300	53.580	250	60.000	132.300
127	1.750	3.860	158	4.250	9.370	189	10.300	22.710	220	25.000	55.120	251	61.500	135.580
128	1.800	3.970	159	4.375	9.650	190	10.600	23.370	221	25.750	56.780	252	63.000	138.890
129	1.850	4.080	160	4.500	9.920	191	10.900	24.030	222	26.500	58.430	253	65.000	143.300
130	1.900	4.190	161	4.625	10.200	192	11.200	24.690	223	27.250	60.070	254	67.000	147.710
131	1.950	4.300	162	4.750	10.470	193	11.500	25.360	224	28.000	61.740	255	69.000	152.120
132	2.000	4.410	163	4.875	10.750	194	11.800	26.020	225	29.000	63.940	256	71.000	156.530
133	2.060	4.540	164	5.000	11.020	195	12.150	26.790	226	30.000	66.150	257	73.000	160.930
134	2.120	4.670	165	5.150	11.350	196	12.500	27.560	227	30.750	67.790	258	75.000	165.340
135	2.180	4.810	166	5.300	11.690	197	12.850	28.330	228	31.500	69.460	259	77.500	170.660
136	2.240	4.940	167	5.450	12.020	198	13.200	29.100	229	32.500	71.660	260	80.000	176.400
137	2.300	5.070	168	5.600	12.350	199	13.600	29.990	230	33.500	73.870	261	82.500	181.880
138	2.360	5.200	169	5.800	12.790	200	14.000	30.870	231	34.500	76.070	262	85.000	187.390
139	2.430	5.360	170	6.000	13.230	201	14.500	31.970	232	35.500	78.280	263	87.500	192.900
140	2.500	5.510	171	6.150	13.560	202	15.000	33.070	233	36.500	80.480	264	90.000	198.450
141	2.575	5.680	172	6.300	13.890	203	15.500	34.180	234	37.500	82.690	265	92.500	203.920
142	2.650	5.840	173	6.500	14.330	204	16.000	35.280	235	38.750	85.430	266	95.000	209.440
143	2.725	6.010	174	6.700	14.770	205	16.500	36.380	236	40.000	88.200	267	97.500	214.950
144	2.800	6.170	175	6.900	15.210	206	17.000	37.480	237	41.250	90.940	268	100.000	220.500
145	2.900	6.390	176	7.1 00	15.650	207	17.500	38.590	238	42.500	93.710	269	103.000	227.370



PLY RATINGS

This is a measurement of the strength of the Radial Casing Ply vs. Bias Ply Tyres.

Sizes and marking	Work machines	Transport machines	Sizes and marking	Work machines	Transport machines	Sizes and marking	Work machines	Transport machines
7.50 R 15	12		17.5 R 25 *	16		33.25 R 29 **		44
8.25 R 15	12		17.5 R 25 **	20	24	18.00 R 33 **		40
18 R 19.5 *	16		18.00 R 25 *	24		33.5 R 33 **		44
10.00 R 20	16		18.00 R 25 **		36	35/65 R 33 *	36	
C20 Pil (11/80 R 20)	16		20.5 R 25 *	24		37.5 R 33 **		48
E20 (13./80 R 20)			20.5 R 25 **		28	21.00 R 35 **		44
15 R 22.5 *	16		21.00 R 25 **		40	24.00 R 35 **		48
18 R 22.5 *	16		23.5 R 25 *	28		29.5 R 35 **		40
12.00 R 24 ***	24	24	23.5 R 25 **		32	33.25 R 35 **		44
13.00 R 24 TG *	14		25/65 R 25 **		32	37.25 R 35 **		48
14.00 R 24 TG *	16		26.5 R 25 *	32		37.5 R 39 **		52
14.00 R 24	24		26.5 R 25 **		32	40/65 R 39 *	42	
14.00 R 24 ***	28	32	29.5 R 25 *	34		40.5/75 R 39 **		54
15.00 R 24 (17/80 R 24)	28		29.5 R 25 **		34	45/65 R 39 * (1)		
16.00 R 24 TG *	16	16	555/70 R 25 * L2F	16		45/65 R 45 *	50	
16.00 R 24 **		36	555/70 R 25 * L3T or L4T	24		24.00 R 49 **		48
555/70 R 24 TG *	16		625/70 R 25 *	28		27.00 R 49 **		54
20 R 24 TG *	16		705/70 R 25 *	32		30.00 R 51 **		64
13.00 R 25 ***		28	750/65 R 25 *	34		33.00 R 51 **		68
14.00 R 25 ***		32	26.5 R 29 **		34	36.00 R 51 **		74
15.5 R 25 *	16		29.5 R 29 *	34		37.00 R 57 ** (1)		
15.5 R 25 **	20		29.5 R 29 **		40	40.00 R 57 **		78
16.00 R 25 **		36	30/65 R 29 *	28		55/80 R 57 * (1)	80	

CLASSIFICATION ACCORDING TO ASPECT RATIO

The wide diversity of earthmover machines and their uses requires the development of numerous ranges of tyres. Earthmover tyres differ from those mounted on cars or commercial vehicles by:

80 series

(standard)

The H/S ratio is

- · Their size and weight
- Their tread depths are proportionally greater

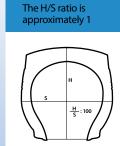
90 series

(standard)

The H/S ratio is

approximately 0.90

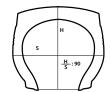
 More reinforcements to deal with the harsher conditions of use There are several families of earthmover tyres, characterized by their aspect ratio H/S (ratio between the height of the sidewall H and the section width of the tyre S).



100 series

(standard)

The section width is expressed as a whole number of inches. Examples: 5.00R8, 18.00R33 Tyres for rigid trucks, handling equipment, etc.



The section width is expressed as a whole number of inches followed by the number 90.
Example: 50/90 R57
Tyres for rigid trucks



The section width is expressed in:
• Inches and fractions of inches Examples: 8.25R15, 20.5R25
• Whole number of inches, followed by the number 80 Examples: 59/80 R63
Tyres for rigid trucks, articulated dumpers, loaders, handling equipment, etc.

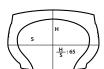
H :80



70 series

S H :70

The section width is expressed as a whole number of inches or a whole number of millimeters, followed by the number 70. Example: 420/70R28



65 series

(standard)

The H/S ratio is

approximately 0.65

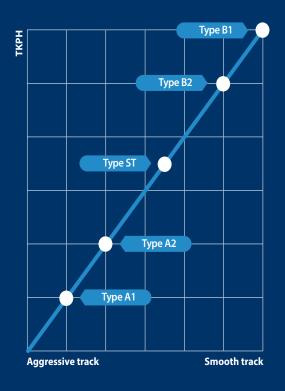
The section width is expressed as a whole number of inches or a whole number of millimeters, followed by the number 65.
Examples: 35/65 R33, 750/65 R25
Tyres for large loaders, articulated trucks, etc.

COMPOUND & TKPH

TYPE A1	Particularly resistant to cuts, tread tearing and abrasion on very rough surfaces.	TKPH minimum
TYPE A2	Particularly resistant to cuts, tread tearing and abrasion at average speeds which are higher than those for A+ (above).	low TKPH
TYPE ST	Compromise solution between abrasion resistance and average speed on rough surfaces.	average TKPH
TYPE B2	Adapted to running on long cycles at high speeds on well-maintained roads.	high TKPH
TYPE B1	Very high resistance to high average speeds on long cycles run on well-maintained roads.	very high TKPH

EXAMPLE

				Max.	Load/	Single					Tyre			TKPH		
Tyre size	Pattern	Load symbol	Tra code	speed (km/h)	speed index	max. load/ pressure	Rim	OD (mm)	SW (mm)	TD (mm)	weight (kg)	A1	A2	ST	B2	B1
27.00R49	MA04+	**	E4	50	223B	27250 kg / 6.5 bar	19.50/4.0	2690	740	82	1600	392	465	500	535	625



TYRES TKPH

The TKPH (Ton Kilometre Per Hour) or TMPH (Ton Mile Per Hour) is an essential expression of the working capacity of a tyre, depending of a maximum operating temperature allowable.

A tyre's TKPH (TMPH) depends on its design and varies according to size and type.

TKPH (TMPH) values are given along with other Magna tyre characteristics. It is a function of load of each tyre and the number of kilometres (miles) covered per hour by each type of tyre, and are given at an ambient temperature of 38° C (100° F).

For the same size and same pattern, there may be several types of tread compound, each associated with a different TKPH.



LEADING CAUSES OF TYRE DAMAGE

Tyre damage is often caused by simple, easily avoidable user errors. Maintaining the right inflation pressure (1), with the appropriate heat build-up (2) within the tyre is the most important step to a prolonged tyre life. Of course regular vehicle maintenance (3) and selecting the right tyre for the appropriate application (4) is also necessary to ensure low costs per kilometer.

1. INFLATION PRESSURE

The weight of the load is carried by the air within the tyre, not the tyre itself. Maintaining the correct inflation pressure is absolutely necessary to guarantee the tyre's performance. Pressure should always be set to, and maintained at the maximum load-/-pressure specification.

COMMON MISTAKES

- Under inflation causes excessive deflection in the tyre, increasing the heat level and leading to premature tyre failure.
- Over inflation restricts the natural deflection of the tyre, leading to premature tyre failure.

SOLUTIONS

- Check the appropriate maximum load-/-pressure ratio of a tyre and then calculate the best combination for your use. A lower inflation pressure limits load capacity.
- Pressure should be checked at regular intervals.
- · Underinflation and over inflation should be avoided.



2. HEAT BUILD UP

Heat is the tyre's worst enemy and is caused by several factors. As a tyre rotates under the weight of a vehicle and its load, it repeatedly deforms and recovers, which generates lots of energy. When this energy is released, heat builds up, making it more susceptible to wear, cuts and structural fatigue, which results in reduced tyre lifetime. The amount of heat build-up is determined by several factors including:

- Under-inflation
- Overloading
- · High speeds
- Harsh breaking

- Aggressive cornering
- Poorly designed or badly maintained roads
- Working outside tyre specs
- · Seasonal influences

COMMON MISTAKES (HEAT BUILD UP)

- $\bullet \quad \text{Under-inflation and Over--inflation} \\$
- Exceeding the load capacity of a tyre
- Driving at a higher speed than the designated load / speed capacity
- Non-professional driving style, with harsh
- breaking and aggressive cornering
- Neglected road maintenance or poor road design
- Not taking into consideration seasonal effects

SOLUTION (HEAT BUILD UP)

- Underinflation and over-inflation should be avoided
- Ensure the vehicle carries no more than the appropriate load capacity and drives at the corresponding speed
- Gradients in the road shouldn't exceed 5%-6% and should be maintained regularly
- Maintain a professional driving style to ensure a prolonged tyre life



3. VEHICLE MAINTENANCE

Finally, vehicle maintenance is another important factor for an efficient use. The machine's performance can cause severe damage to its tyres. Neglecting regular vehicle maintenance can severely reduce tyre life and increase its running cost.

COMMON MISTAKES

- Misalignment causing tread separation, increased and-/-or irregular tread wear, tyre vibration
- Broken suspension, increased and-/-or irregular tread wear
- Fuel and oil leaks damage to the rubber compound which shortens tyre life

SOLUTIONS

 Always ensure regular vehicle maintenance



4. SELECTING THE RIGHT TYRE

Selecting the right tread pattern will extend the tyre life significantly. Your Magna Tyres representative can assist you by making this selection.

TREAD PATTERN – The tread pattern is designed to produce varying degrees of traction, cut, flotation, wear and heat resistance.

TYRE CONSTRUCTION – Radial – Bias – Solid construction offer various advantages and disadvantages according you specific applications.

COMPOUND & TKPH – Compound and TKPH determines tyre life can affect the lifespan of a tyre.

LOAD- SPEED INDEX — operate at the proper loading capacity.





QUALITY MANAGEMENT AND CONTROL

Quality Management and control processes are extensively documented in order to continuously improve our products.

6-STEP QUALITY MANAGEMENT

To achieve the desired premium quality we maintain a 6-step quality management approach.

- 1. First we identify the requirements.
- 2. We design and develop a tyre which meets the requirements as defined in step 1.
- 3. The design gets validated by product development, R&D department and directors and we start working towards product launch.
- 4. Production starts.
- The Tyre performance is constantly monitored by on site tests and collection of customer feedback.
- This cycle is constantly repeated since we continuously want to improve.



CONTINUOUS IMPROVEMENT

QUALITY CONTROL PROCES

In order to continuously improve our tyre range we implemented a Quality Control process.

- First a quality improvement should be created, this can be done by either the sales department, R&D department or one of the directors. Customers are able to provide their input through their personal contactperson.
- 2. A Quality "order" is created containing all the information required to evaluate the performance
- 3. Our existing performance database is consulted
- 4. Non-conformances are quickly detected
- 5. Correlation of the non-conformance and improvement are investigated
- 6. If the improvement is accepted in the previous step, it gets documented and transferred to the stakeholders
- 7. Correction Handling is being carried out





MINING & EARTHMOVER TYRES

Premium quality tyres especially designed for the most severe applications.



MAGNA EARTHMOVER TYRES



- Highly reliable tyre with a long service life
- Superior traction
- Maximized protection against cuts and damage
- ptimized loading capacity
- ow cost price per hour

MINING & EARTHMOVER TYRE RANGE



MA01/MA01+E3/L3

17.5R25 20.5R25 23.5R25 26.5R25 29.5R25

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MA02 E3+/L3+

23.5R25 26.5R25 29.5R25

PAGE 20



MA02 SCRAPER E3

29.5R29 33.25R29 37.25R35

PAGE 21



MA02 + E3 + /L3 +

750/65R25

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M-TERRAIN E4/L4

20.5R25 23.5R25 26.5R25 29.5R25 750/65R25 875/65R29 800/80R29



MA04+ E4

14.00R25 18.00R25 18.00R33

PAGE 24

21.00R33 24.00R35

MA04+ GIANT E4

27.00R49 33.00R51 37.00R57 40.00R57

50/80R57 46/90R57 59/80R63



M-RIGID E4

27.00R49 33.00R51

PAGE 26



MA09+ E4

30.00R51 36.00R51

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MA05 L5/ MA05S L5S

17 5R25 18.00R25 26.5R25 PAGE 28/29 29.5R25 29.5R29



MA07/MA07+ L4/L5

26.5R25 35/65R33

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MA08 L4/L5

20.5R25 23.5R25 26.5R25 PAGE 31 29.5R25 35/65R33 35/65R33



MA10+ L5

20.5R25 23.5R25 26.5R25

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M-SNOW G2/L2

17.5R25 20.5R25 23.5R25 PAGE 33



MB10 L5

20.5-25 23.5-25 26.5-25 PAGE 34







MAGNA MAO1

The radial constructed Magna MA01 features an aggressive self-cleaning tread design. Engineered to deliver a smooth ride and superior traction on all types of terrain.

The enhanced rubber compound offers excellent wear and improved resistance to punctures. The tyre is designed for use on wheel loaders, dozers, scraper, graders and articulated dump trucks.



Aggressive E3/L3 non-directional tread pattern provides superior traction in soft underfoot.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load/ speed index	Single max. load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
17 5025	MAO1	**	E3	50	167B	5450 kg/5.25 bar	14.00/1.5	1246	457	27	157
17.5R25	MA01		L3	10	182A2	8500 kg/6.5 bar	- 14.00/1.5	1346	457	21	157
20 5025	MA 01	**	E3	50	177B	7300 kg/5.25 bar	17.00/2.0	1472	F22	21	221
20.5R25	MA01		L3	10	193A2	11500 kg/6.5 bar	- 17.00/2.0	1473	533	31	231
22 5025	MAO1	**	E3	50	185B	9250 kg/5.25 bar	10 50/2 5	1625	600	26	227
23.5R25	MA01		L3	10	201A2	14500 kg/6.5 bar	- 19.50/2.5	1625	609	36	336



MAGNA MAO1+

E3/L3

The Magna MA01+ is designed to be a multi-purpose tyre, ideal for use on wheel loaders, dozers, scrapers, graders and articulated dump trucks operating in soft surfaces.

Wide flat footprint for maximum stability and wear. The heat resistant rubber compound improves productivity and reduces operating costs.



Aggressive E3/L3 non-directional tread pattern provides superior traction in soft underfoot.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load/ speed index	Single max. load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
17 5025	MA01 :	**	E3	50	167B	5450 kg/5.25 bar	14.00/1.5	1250	4.45	27	150
17.5R25	MA01+		L3	10	182A2	8500 kg/6.5 bar	14.00/1.5	1350	445	27	153
20.5R25	MA01+	**	E3	50	177B	7300 kg/5.25 bar	- 17.00/2.0	1490	520	33	235
20.3123	IVIAU I±		L3	10	193A2	11500 kg/6.5 bar	17.00/2.0	1470	320	33	233
23.5R25	MA01+	**	E3	50	185B	9250 kg/5.25 bar	- 19.50/2.5	1615	595	36	316
23.3023	IVIAU I±		L3	10	201A2	14500 kg/6.5 bar	19.30/2.3	1013	393	30	310
26.5R25	MA01+	**	E3	50	193B	11500 kg/5.25 bar	- 22.00/2.0	1750	675	37	439
20.3K23	IVIAU I+		L3	10	209A2	18500 kg/6.5 bar	- 22.00/3.0	1/30	0/3	3/	439
29.5R25	MA01+	** .	E3	50	200B	14000 kg/5.25 bar	- 25.00/2.5	1875	750	43	599
25.5K25	IVIAU I+		L3	10	216A2	22400 kg/6.5 bar	25.00/3.5	10/3	/30	43	299



MAGNA MAO2

E3+/L3+

The Magna MA02 is ideally suited to higher speed applications operating on a wide variety of surfaces. The E3+/L3+ tyre is designed for use on wheel loaders, articulated dump trucks, scrapers, graders and dozers.

Outstanding traction in all off-road applications with thick under-tread for improved puncture resistance. The special tread compound used for this tyre is wear and cut-resistant to increase the productivity and operating costs.



Improved traction and performance through nondirectional E3+/L3+ tread.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load/ speed index	Single max. load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
23.5R25	MA02	**	E3+	50	185B	9250 kg/5.0 bar	- 19.50/2.5	1626	610	41	350
23.3K23	MAUZ		L3+	10	201A2	14500 kg/6.5 bar	- 19.30/2.3	1020	010	41	330
26.5R25	MA02	**	E3+	50	193B	11500 kg/5.0 bar	22.00/2.0	1754	(05	41	440
20.3K23	MAUZ		L3+	10	209A2	18450 kg/6.5 bar	- 22.00/3.0	1754	695	41	449
20 5025	MAGA	**	E3+	50	200B	13950 kg/5.0 bar	25.00/2.5	10.00	740	4.4	F07
29.5R25	MA02		L3+	10	216A2	22350 kg/6.5 bar	- 25.00/3.5	1868	748	44	597



MAGNA MAO2 SCRAPER

E3+

The Magna MA02 Scraper is a durable and aggressive E3+ tyre for medium-powered scrapers requiring high traction force during the most demanding jobs.

The special rock design and reinforced sidewalls offers excellent protection against cutting and abrasion on all terrain.



Improved traction and performance through non-directional E3+ tread pattern



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load/ speed index	Single max. load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	ТКРН	Tyre weight (kg)
29.5R29 N	MA02 Scraper	**	E3+	50	202B	15000 kg/5.25 bar	25.00	1990	770	50	348	758
33.25R29 N	MA02 Scraper	**	E3+	50	209B	18500 kg/5.25 bar	27.00	2060	920	45	429	872
37.25R35 N	MA02 Scraper	**	E3+	50	218B	23600 kg/5.25 bar	31.00	2360	945	47	545	1213



MAGNA MAO2+

E3+/L3+

Loaders, ADT's, and dozers are used for transporting large quantities of bulk or aggregate material In extreme conditions from soft, muddy and rocky terrains.

The Magna MA02+ is customized for these specific demands. The multiple groove edges provide excellent traction in all terrain conditions. The special compound and reinforced sidewall ensure excellent protection against cutting, puncture and wear abrasion.



The E3+/L3+, self-cleaning tread design provides excellent traction and stability on the most demanding surfaces.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load/ speed index	Single max.load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
750/65R25	MA02+	**	E3+	50	190B	10600 kg/4.25 bar	24.00	1585	740	40	672
/5U/05K25	MAUZ+		L3+	10	202A2	15000 kg/4.75 bar	24.00	1505	740	40	672
07E/CED20	MA02 :	** _	E3+	50	203B	15500 kg/4.75 bar	27.00	1050	0.50	40	700
875/65R29	MA02+		L3+	10	214A2	21200 kg/4.75 bar	27.00	1850	850	48	792



MAGNA M-TERRAIN

E4/L4

The Magna M-Terrain is an E4 tyre for all terrains, with excellent traction and safety characteristics. The self-cleaning and sturdy deep tread of the Magna M-Terrain extends longevity and reduces the long-term operating costs.

An exceptionally sturdy casing makes the Magna M-Terrain a long-lasting tyre, in even the most demanding conditions.



Improved traction and performance through non-directional E4/L4 tread.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load/ speed index	Single max. load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
20.5R25	M-Terrain	**	E4	50	177B	7300 kg/ 5.25 bar	17.00/2.0	1515	527	48	263
20.51125	W Terruin		L4	10	193A2	11500 kg/ 6.50 bar	17.00/2.0	1515	321	10	203
23.5R25	M-Terrain	**	E4	50	185B	9250 kg/5.25 bar	19.50/2.5	1675	595	53	317
23.3823	M-IEITAIII		L4	10	201A2	14500 kg/6.50 bar	19.50/2.5	10/3	393	33	31/
26.5R25	M-Terrain	**	E4	50	193B	11500 kg/5.25 bar	- 22.00/3.0	1800	675	56	507
20.3N23	W-1811aiii		L4	10	209A2	18500 kg/6.50 bar	22.00/3.0	1000	0/3	30	307
29.5R25	M-Terrain	**	E4	50	200B	14000 kg/5.25 bar	- 25.00/3.5	1875	750	59	652
23.3023	W-1811aiii		L4	10	216A2	22400 kg/6.50 bar	23.00/3.3	10/3	730	39	032
750/65R25	M-Terrain	**	E4	50	190B	10600 kg/5.25 bar	- 24.00/3.0	1610	754	53	360
750/051125	IVI-ICITAIII		L4	10	209A2	18500 kg/6.25 bar	24.00/3.0	1010	734))	300
875/65R29	M-Terrain	**	E4	50	203B	15500 kg/5.25 bar	- 28.00/3.5	1922	879	59	725
0/3/03N29	W-1811aiii		L4	10	221A2	25750 kg/6.50 bar	20.00/3.3	1922	0/9	39	723
800/80R29	M-Terrain	**	E4	50	206B	17000 kg/5.25 bar	- 27.00/3.5	2000	792	69	TBA
000/00029	IVI-ICII dili		L4	10	217A2	23000 kg/5.25 bar	27.00/3.3	2000	132	09	IDA



MAGNA MAO4+

E4

The Magna MA04+ is the perfect fit for heavy mining equipment that carries heavy loads in demanding conditions. Exceptional traction while maintaining optimal flotation characteristics.

The special E4 tread design with deep tread depth and a wide, flat tread radius offers a large loading capacity. The aggressive lug design with large blocks at the tread centre provides excellent traction and braking on rough roads.



The deep aggressive E4 pattern provides traction and long tread life.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







					Max.	Load/	Single		0verall	Section	Tread	Tyre		TKPH	
Tyre size	Pattern	Load symbol	TT/TL	Tra code	speed (km/h)	speed index	max.load/ pressure	Rim	diameter (mm)	width (mm)	depth (mm)	weight (kg)	Α	ST	В
14.00R25	MA04+	***	TT	E4	50	169B	5800 kg/7.0 bar	10.00/1.5	1420	375	38	192	115	138	N/A
18.00R25	MA04+	**	TL	E4	50	185B	9250 kg/7.0 bar	13.00/2.5	1675	500	51	385	180	224	256
18.00R33	MA04+	**	TL	E4	50	191B	10900 kg/7.0 bar	13.00/2.5	1875	500	54	460	196	240	280
21.00R33	MA04+	**	TL	E4	50	200B	14000 kg/7.0 bar	15.00/3.0	2005	570	54	567	245	290	N/A
24.00R35	MA04+	**	TL	E4	50	209B	18500 kg/7.0 bar	17.00/3.5	2175	655	65	767	324	373	396



MAGNA MAO4+ GIANT

E4

Rigid dump trucks are built to haul heavy loads over long distances on rough and rocky terrains. In these severe conditions, tyres have to offer good stability and traction even at high speeds.

The radial constructed Magna MA04+ Giant features an aggressive E4 pattern specially designed for Rigid dump trucks.



The deep aggressive E4 pattern provides traction and long tread life.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







				Max.	Load/	Single					Tyre			TKPH		
Tyre size	Pattern	Load symbol	Tra code	speed (km/h)	speed index	max. load/ pressure	Rim	OD (mm)	SW (mm)	TD (mm)	weight (kg)	A1	A2	ST	B2	B1
27.00R49	MA04+	**	E4	50	223B	27250 kg / 6.5 bar	19.50/4.0	2690	740	82	1600	392	465	500	535	625
27.00R49	MA04+A	**	E4	50	223B	27250 kg / 6.5 bar	19.50/4.0	2690	740	82	1600	353	420	450	480	562
27.00R49	MA04+B	**	E4	50	223B	27250 kg / 6.5 bar	19.50/4.0	2702	737	61	1480	412	n/a	474	693	n/a
33.00R51	MA04+	**	E4	50	235B	38750 kg / 6.5 bar	24.00/5.0	3030	920	95	2341	431	496	565	634	724
37.00R57	MA04+	**	E4	50	246B	53000 kg / 7.25 bar	27.00/6.0	3440	1050	99	3350	682	800	880	960	1111
40.00R57	MA04+	**	E4	50	250B	60000 kg / 7.25 bar	29.00/6.0	3560	1130	99	3830	631	750	805	860	1006
40.00R57	MA04+C	**	E4	50	250B	60000 kg / 7.25 bar	29.00/6.0	3560	1130	93	4020	733	875	930	993	1161
46/90R57	MA04+	**	E4	50	252B	63000 kg / 7.0 bar	29.00/6.0	3560	1180	98	4020	696	816	898	980	1134
50/80R57	MA04+	**	E4	50	257B	73000 kg / 6.0 bar	34.00/5.0	3620	1266	95	4200	715	780	980	1180	1305
59/80R63	MA04+	**	E4	50	268B	100000 kg / 6.0 bar	44.00/5.0	4026	1480	88	5960	1093	1216	1476	1736	1940



MAGNA M-RIGID

E4

The Magna M-RIGID is an E4-tyre specially developed for rigid dump trucks. The full-depth tread blocks and innovative self-cooling design improve the performance of the tyre in all conditions and all stages of the long life of the tyre.

The circumferential groove in the tread pattern improves the steering control for enhanced heavy-load cornering performance and improved heat dissipation.



The deep non-directional E4 tread pattern provides excellent traction & protection against cuts and damages.



All steel radial construction with an optimized load performance and operator comfort.







				Max.	Load/	Single					Tyre			TKPH		
Tyre size	Pattern	Load symbol	Tra code	speed (km/h)	speed index	max. load/ pressure	Rim	OD (mm)	SW (mm)	TD (mm)	weight (kg)	A1	A2	ST	B2	B1
27.00R49	M-RIGID	**	E4	50	223B	27250 kg / 6.5 bar	19.50/4.0	2690	740	82	1600	392	465	500	535	625
33.00R51	M-RIGID	**	E4	50	235B	38750 kg / 6.5 bar	24.00/5.0	3030	920	95	2341	431	496	565	634	724
40.00R57	M-RIGID	**	E4	50	250B	60000 kg / 7.25 bar	29.00/6.0	3560	1130	99	3830	631	750	805	860	1006



MAGNA MA09+

E4

The Magna MA09+ is a radial tyre specifically engineered for rigid dumpers and haul trucks in mining applications. The huge tread blocks helps improve the tyre's a better road-holding and cut- resistance

The wide horizontal groove improves heat dispersion and self-cleaning properties. The distinctive tread design provides outstanding traction, stability as well as good braking and cornering performance on rough and gravel terrains.



Deep E4 Tread pattern provides resistance to cutting, chipping and shock damage and enhances tyre life.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







			_	Max.	Load/	Single		0verall		Tread	Tyre			TKPH		
Tyre size	Pattern	Load symbol	Tra code	speed (km/h)	speed index	max.load/ pressure	Rim	diameter (mm)	width (mm)	depth (mm)	weight (kg)	A1	A2	ST	B2	B1
30.00R51	MA09+	**	E4	50	230B	33500 kg/6.5 bar	22.00/4.5	2878	845	75	1840	456	536	588	643	744
36.00R51	MA09+	**	E4	50	241B	46250 kg/6.5 bar	26.00/5.0	3194	990	83	2640	631	740	814	888	1028



MAGNA MAO5

The Magna MA05 is a L5-loader tyre specially designed to meet the demanding requirements in surface mines, quarries, scrap yards and underground mine transport.

Exceptional robustness and reliability, with an ideal balance of adhesion and traction. The crown and sidewall are reinforced to prevent damage and to extend tyre life in severe operating conditions.



The extra deep L5 rock tread and reinforced shoulders and sidewalls prevent damage in severe operating conditions.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load/ speed index	Single max. load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
17.5R25	MA05	**	L5	6	182A2	8500 kg/6.5 bar	14.00/1.5	1397	470	65	251
26.5R25	MA05	**	L5	10	209A2	18500 kg/6.5 bar	22.00/3.0	1797	690	91	660
29.5R25	MA05	**	L5	10	216A2	22400 kg/6.5 bar	25.00/3.5	1905	775	100	838



MAGNA MAO5S

L5S

The Magna MA05S is designed for equipment operating in highly abrasive material environments where maximum protection from penetration and cuts is needed, for example in difficult mining conditions.

The extremely deep and smooth tread provides an outstanding defense against shock ruptures and accidental damage. The specialized mining compound is used for increased cut- and impact-resistance.



Smooth pattern to exclude trapping of rocks or tear chunks.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load/ speed index	Single max. load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
17.5R25	MA05S	**	L5S	10	182A2	8500 kg/6.5 bar	14.00/1.5	1400	445	66	302
18.00R25	MA05S	***	L5S	10	206A2	17000 kg/ 8.25 bar	13.00/2.5	1675	500	82	478
26.5R25	MA05S	**	L5S	10	209A2	18500 kg/ 6.5 bar	22.00/3.0	1800	675	94	801
29.5R25	MA05S	**	L5S	10	216A2	22400 kg/ 6.5 bar	25.00/3.5	1921	750	100	961
29.5R29	MA05S	**	L5S	10	218A2	23600 kg/ 6.5 bar	25.00/3.5	2023	750	100	1007
35/65R33	MA05S	**	L5S	10	224A2	28000 kg/6.5 bar	28.00/3.5	2050	895	97	-



MAGNA MAO7/MAO7+

The Magna MA07/MA07+ is an all steel radial tyre specifically designed for loaders, dozers and underground transport operating in severe rocky conditions, including underground operations.

The deep L4/L5-tread provide an extended wear life in addition to excellent self-cleaning. The wide and thick tread blocks provide outstanding traction, operation stability and comfort.



The L4/L5 tread pattern protects against tears, wear and cuts while providing stability, comfort and traction.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load/ speed index	Single max. load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
26.5R25	MA07	**	L4	10	209A2	18500 kg/6.5 bar	22.00/3.0	1800	690	52	490
35/65R33	MA07	**	L5	10	223A2	27250 kg/6.5 bar	28.00/3.5	2056	934	98	1040
35/65R33	MA07+	***	L5	10	229A2	32500 kg/6.5 bar	28.00/3.5	2080	890	97	1093



MAGNA MA08

L4/L5

The Magna MA08 is loader tyre with exceptional traction due to its massive tread blocks and aggressive, open design.

The deep tread of the Magna MA08, combined with the protected sidewall, provides an outstanding level of cutand damage-resistance.



The aggressive L4/L5 open tread pattern provides grip and traction.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load/ speed index	Single max. load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
20.5R25	MA08	**	L5	10	193A2	11500 kg/6.5 bar	17.00/2.0	1548	521	72	365
23.5R25	MA08	**	L5	10	201A2	14500 kg/6.5 bar	19.50/2.5	1673	597	78	475
26.5R25	MA08	**	L5	10	209A2	18500 kg/6.5 bar	22.00/3.0	1800	673	87	632
29.5R25	MA08	**	L5	10	216A2	22400 kg/6.5 bar	25.00/3.5	1921	750	95	866
29.5R29	MA08	**	L5	10	218A2	23600 kg/6.5 bar	25.00/3.5	2023	750	95	889
35/65R33	MA08	**	L4	10	224A2	28000 kg/6.5 bar	28.00/3.5	2075	880	63	919
35/65R33	MA08	**	L5	10	224A2	28000 kg/6.5 bar	28.00/3.5	2075	880	97	1079



MAGNA MA10+

The Magna MA10+ is an all steel radial tyre specially designed for loaders in extreme and rocky conditions including in some cases underground operations.

Impact and cut resistant thanks to the optimized compound, the reinforced protection ply and the tread depth. The shoulder groove creates an optimized design for traction and evacuation, with a smooth central pattern for adhesion and protection.



Extra deep L5 tread pattern for excellent traction in the most severe circumstances.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	Load symbol	TRA	Max. speed (km/h)	Load/ speed index	Single max. load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
20.5R25	MA10+	**	L5	10	193A2	11500 kg/6.5 bar	17.00/2.0	1549	533	72	354
23.5R25	MA10+	**	L5	10	201A2	14500 kg/6.5 bar	19.50/2.5	1676	609	78	451
26.5R25	MA10+	**	L5	10	209A2	18500 kg/6.5 bar	22.00/3.0	1800	675	88	622



MAGNA M-SNOW

G2/L2

The Magna M-Snow is designed for use on loaders and graders running on slippery surfaces such as mud and snow, where optimized traction is required.

The unique winter compound ensure excellent traction in mud and on snow and ice. The open tread pattern in the shoulder of the tyres ensures good self-cleaning in the snow and mud.



Open and self cleaning tread pattern with separate tread blocks and multiple sipes for excellent traction.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load speed/ index	Single max load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
17 [02]	M CNOW	** _	G2	40 km/h	162A8	4750 kg/4.5 bar	14.00/1.5	1250	АЛГ	20	150
17.5R25	M-SNOW		L2	10 km/h	182A2	8500 kg/6.5 bar	- 14.00/1.5	1350	445	28	150
20.5R25	M-SNOW	** _	G2	40 km/h	170A8	6000 kg/4.5 bar	- 17.00/2.0	1490	520	31	236
20.3823	IVI-SIVUVV		L2	10 km/h	193A2	11500 kg/6.5 bar	17.00/2.0	1490	320	31	230
23.5R25	M CNOW	** _	G2	40 km/h	179A8	7750 kg/4.5 bar	- 19.50/4.0	1615	595	34	328
Z3.3KZ3	M-SNOW		L2	10 km/h	201A2	14500 kg/6.5 bar	17.30/4.0	1013	393	54	320



MAGNA MB10

The Magna MB10 is an all steel radial tyre specially designed for loaders in extreme and rocky conditions including in some cases underground operations.

The Magna MB10 is impact and cut resistant thanks to the optimized compound, the reinforced protection ply and the tread depth. The shoulder groove creates an optimized design for traction and evacuation, with a smooth central pattern for adhesion and protection.



Extra deep L5 tread pattern for excellent traction in the most severe circumstances.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.









Tyre size	Pattern	Ply Rating	Tra code	Speed Symbol	Max. Speed (km/h)	Max. Load (kg)	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Rim
20.5-25	MB10	20	L5	186A2	10	9500kg/ 4.50 bar	1550	520	79	1700/2.0
23.5-25	MB10	24	L5	196A2	10	12500kg/4.75 bar	1675	595	84	19.00/2.5
26.5-25	MB10	28	L5	203A2	10	15500kg/ 4.75 bar	1800	675	91	22.00/3.0



MAGNA M-DESERT

E7

The M-Desert is an all cross ply constructed tyre specially engineered for trucks operating in sandy terrain applications.

The special shallow rib design provides maximum flotation, excellent side directional stability and minimum ground disturbance.



The E7 tread pattern protects against tears, wear and cuts while providing stability, comfort and traction.



All cross-ply construction. Improved protector plies optimize load performance and operator comfort







Tyre size	Pattern	Tyre type	Ply rating	Tra code	Max. Speed (km/h)	Load/ Speed index	Single max load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
29.5-25	M-DESERT	TL	28	E7	50	188B	10.000 kg/2.5 bar	25	1830	750	21.5	401



CRANE TYRES

premium quality tyres especially designed for highway and offroad applications.



MAGNA CRANE TYRES



- Highly reliable tyre with a long service life
- **Superior traction**
 - Maximized protection againt cuts and damage
- **Optimized loading capacity**
- Low cost price per hour

TYRES FOR CRANES

385/95R24 385/95R25 445/95R25 525/80R25 505/95R25



MA03

LIFTING AND HANDLING MOBILE CRANES *** LONG DISTANCE TRANSPORT



395/85R20 385/95R25 445/95R25



LIFTING AND HANDLING MOBILE CRANES *** LONG DISTANCE TRANSPORT *** LOWER FUEL CONSUMPTION ***







MAGNA MAO3

E2

The Magna MA03 is designed with a universal tread pattern to help minimize fuel consumption, improve traction and deliver a more comfortable ride.

This crane tyre features excellent wear resistance, exceptional operator comfort and durability in high-speed and demanding on- and offroad applications.



The aggressive, self-cleaning tread design provides excellent traction in severe off-road conditions.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	Tra code	Load symbol	Load/Speed Index	Single max load/pressure	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Rim	Tyre weight (kg)
385/95R24	MA03	E2	***	170 E	6000 kg/10 bar	1364	396	25	10.00W	133
385/95R25	MA03	E2	***	170 F	6000 kg/10 bar	1364	396	25	10.00/1.5	138
445/95R25	MA03	E2	***	174 F	6700 kg/9.0 bar	1488	432	26	11.25/2.0	211
525/80R25	MA03	E2	**	176 F	7100 kg/7.0 bar	1498	533	31	17.00/2.0	232
505/95R25	MA03	E2	***	186 E	9500 kg/10.0 bar	1585	505	26	13.00/2.5	325



CRANE

MAGNA MAO3+

E2

The Magna MA03+ is designed for mobile cranes operating in highway and off-road applications. The special pattern structure design provides excellent high-speed stability and endurance performance.

The reinforced shoulders and wide footprint of the Magna MA03+ provides excellent stability and low vibration during highway use. Special crane compound offers a shorter braking distance and longer tyre life.



The tread design provides excellent traction in severe off-road conditions.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	Tra code	Load symbol	Load/Speed Index	Single max load/pressure	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Rim	Tyre weight (kg)
395/85R20	MA03+	E2	20PR	170F	6000 kg/ 9.0 bar	1180	386	18	10.00	95
385/95R25	MA03+	E2	***	170F	6000 kg/9.0 bar	1369	379	24	10.00/1.5	148
445/95R25	MA03+	E2	***	174F	6700 kg/9.0 bar	1481	435	28	11.25/2.0	201



PORT HANDLING TYRES

Premium quality tyres especially designed for the most demanding port and terminal conditions.



MAGNA PORT HANDLING TYRES



- Highly reliable tyre with a long service life
- **Superior traction**
- Maximized protection againt cuts and damage
- Optimized loading capacity
- **V** Low cost price per hour

PORT HANDLING TYRE RANGE



MB01 IND-4 (E4)

16.00-25 18.00-25 21.00-25 18.00-33 21.00-35



MB01S IND-4 (E4)

18.00-25



MB01+IND-4 (E4)

18.00-25



MB02 IND-4 (E4)

14.00-24

18.00-25

11.00-20 12.00-24



MB300 IND-3 (E3/L3)

14.00-24 15.5-25

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MB300+ E4

14.00-24

PAGE 45



MB800

5.00-8 7.00-12 300-15 6.00-9 28X9-15 12.00-20 6.50-10 250-15 12.00-20

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MR800 IND-4 (E4)

10.00R20 12.00R20 12.00R24 14.00R24

PAGE 47



M-TEDMINIAL

280/75R22.5 310/80R22.5

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M-STRADDLE M-STRADDLE+ IND-3 (E3)

16.00R25 480/95R25



MAGNA MB01/ MB01S

IND-4 (E4)

The Magna MB01 is suitable for harbor equipment such as container handlers and reachstackers. Developed with a highly wear resistant tread compound to avoid tread cracks and for excellent performance and an extended tyre lifecycle.

The Magna MB01S offers large carrying capacity, special compounding and a construction designed for high airpressured and shock loads typical in port situations.



Improved traction and performance through non-directional E3 tread design.



All cross ply construction. Improved protector plies optimize load performance and operator comfort.







				Max.			nax. load (g)					Tread		
Tyre size	Pattern	Ply rating	Tra code	speed (km/h)	Static	5 km/h	10 km/h	25 km/h	Pressure (kPa)	0.D. (mm)	S.W. (mm)	depth (mm)	Rim	Weight (kg)
16.00-25	MB01	32	E3	25	22500	18100	16900	15600	1000	1495	430	32	11.25/2.0	197
18.00-25	MB01	40	E4	25	31500	25400	23600	21900	1000	1675	500	55	13.00/2.5	399
21.00-25	MB01	40	E3	25	36400	29300	27300	25300	1000	1750	575	38	15.00/3.0	396
18.00-33	MB01	40	E4	25	37000	29900	27800	25700	1000	1875	500	65	13.00/2.5	511
21.00-35	MB01	40	E3	25	43700	35200	32800	30400	1000	2005	570	38	15.00/3.0	516
18.00-25	MB01S	40	E4s	25	31500	25400	23600	21900	1000	1675	515	60	13.00/2.5	405



MAGNA MB01+

IND-4 (E4)

The Magna MB01+ has been specifically designed for reach stackers and container handlers in port handling applications. The high nylon carcass produces powerful load capability, suitable for port machines with high loads.

Flat and wide running surface with a big pattern block that provides good wear resistance, puncture resistance and increases service life. Sidewall protection and flotation are enhanced by the wide shoulder design.



Improved traction and performance through non-directional E3 tread



All cross ply construction. Improved protector plies optimize load performance and operator comfort.







				May			nax. load (g)					Troad		
Tyre size	Pattern	Ply rating	Tra code	Max. speed (km/h)	Static	5 km/h	10 km/h	25 km/h	Pressure (kPa)	0.D. (mm)	S.W. (mm)	Tread depth (mm)	Rim	Weight (kg)
18.00-25	MB01+	40	E4	25	31500	25400	23600	21900	1000	1690	515	70	13.00/2.5	412



MAGNA MB02

IND-4 (E4)

The Magna MB02 has been engineered with a heavy duty-carcass for extreme service purposes for port handling and at terminals. The Magna MB02 E4 features a wear-resistant compound and deep tread lugs for exceptional traction.

The flat, wide running surface and-, big pattern block provides excellent wear resistance and reduce puncture on heavy torque and heavy load works.



Improved traction and performance through non-directional E4 tread design.



All cross ply construction. Improved protector plies optimize load performance and operator comfort.







					May			nax. load (g)					Tuesd	
Tyre size	Pattern	TL/TT	Tra code	Ply rating	Max. speed (km/h)	Static	5 km/h	10 km/h	25 km/h	Pressure (kPa)	0.D. (mm)	S.W. (mm)	Tread depth (mm)	Rim
11.00-20	MB02	TT	E3	18	25	10030	7615	6920	5830	850	1085	293	22	8.0
12.00-24	MB02	TL/TT	E4	24	25	12300	10800	9300	7100	1000	1245	315	35	8.5
14.00-24	MB02	TL	E4	28	25	18000	14500	13500	12000	1000	1370	375	50	10.0
18.00-25	MB02	TL	E3	40	25	30600	24600	22900	21200	1140	1615	510	43	13.00/2.5
18.00-25	MB02	TL	E4	40	25	30600	24600	22900	21200	1000	1675	515	55	13.00/2.5



MAGNA MB300/MB300+

IND-3 (E3/L3)

The Magna MB300 is a multi-functional tyre designed for container handling equipment at ports and terminals. The wide tread improves mobility and offers a more comfortable ride with excellent heat-resistance and wearing performance.

The Magna MB300+ has a sturdy carcass structure design, fully suitable for heavy torque and heavy loads on port mechanical vehicles. The unique compound used for this E4 pattern gives the tyre a long original tread life and advanced cut-resistance, as well as protection against overheating.



Improved traction and performance through deep nondirectional tread design.



All cross ply construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	TT/TL	Ply Rating	Tra code	Max. speed (km/h)	Pressure (kpa)	Loading capacity (kg)	0.D. (mm)	S.W. (mm)	Tread depth (mm)	Rim	Weight (kg)
14.00-24	MB300	TT	28	E3/L3	25	925	10000	1370	375	26	10.00	120
14.00-24	MB300+	TT/TL	28	E4	25	1000	12000	1370	375	30	10.00	140
15.5-25	MB300	TT/TL	12	E3/L3	25	400	5600	1275	395	25	12.00/1.3	90



MAGNA MB800

The MB800 is a pneumatic tyre for forklifts and other industrial material handling purposes. The special compound ensures the wear and puncture resistance, giving the tyre a long service life.

The low rolling resistance of the Magna MB800 saves the fuel consumption. This pattern is designed for pneumatic tyre ride while delivering the benefits of a solid pneumatic tyre.



Self-cleaning and non-directional tread pattern.



All cross ply construction. Improved protector plies optimize load performance and operator comfort.







				Load cap	acity (kg)						Turo
Tyre size	Pattern	Ply Rating	Drive wheel kg @ 25 km/h	Steer wheel kg @ 25 km/h	Drive wheel kg @ 35 km/h	Steer wheel kg @ 35 km/h	0.D. (mm)	S.W. (mm)	Tread depth (mm)	Rim	Tyre weight (kg)
5.00-8	MB800	10	1150	970	1065	850	470	137	11	3.50	7
6.00-9	MB800	10	1505	1275	1400	1120	540	160	12	4.00	11
6.50-10	MB800	12	1895	1600	1765	1410	590	175	13	5.00	14
7.00-12	MB800	14	2590	2190	2405	1925	676	190	14	5.00	19
8.25-15	MB800	14	3775	3185	3505	2800	840	235	18	6.50	32
28x9-15	MB800	14	3050	2575	2835	2265	710	220	18	7.00	26
250-15	MB800	18	4110	3470	3820	3050	735	250	18	7.50	34
300-15	MB800	20	5940	4990	5485	4375	840	300	20	8.00	51
10.00-20	MB800	20	6950	5800	6500	5150	1074	277	22	7.50	75
12.00-20	MB800	20	7750	6510	7207	5735	1145	315	24	8.50	86
12.00-20	MB800	24	8500	7140	7905	6290	1145	315	26	8.50	TBA



MAGNA MR800

IND-4 (E4)

The Magna MR800 radial design delivers optimum performance and traction in industrial lug, crane and port applications.

The MR800 is engineered with special tread compound to run cool, fight rapid wear and deliver remarkable stability. The reinforced sidewall offers outstanding stability and helpts to protect equipment, payload and driver comfort.



Improved traction and performance through extra deep non-directional tread design.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







				اممما	May	Single load F (k	orklift		gle max. lo her vehicle (kg)					Trond		
Tyre size	Pattern	Tra code	TT/TL	Load speed/ index	Max. speed (km/h)	Front	Rear	10 km/h	25 km/h	40 km/h	Pressure (kPa)	0.D. (mm)	S.W. (mm)	Tread depth (mm)	Rim	Weight (kg)
10.00R20	MR800	E4	TT	166A5	25/40	6890	5300	6890	5300	4750	1000	1059	292	33	7.50	87
12.00R20	MR800	E4	TT	176A5	25/40	9230	7100	9230	7100	6320	1000	1135	318	41	8.50	126
12.00R24	MR800	E4	TT	178A5	25/40	9750	7500	9750	7500	6675	1000	1230	322	39	8.50	131
14.00R24	MR800	E4	TT	193A5	25/40	14950	11500	14950	11500	10235	1000	1416	386	64	10	232



MAGNA M-TERMINAL

The Magna M-Terminal is designed and developed for terminal tractors and trailers. With a deep tread profile and industrial casing, the tyre offers high resistance to damage and punctures.

The strong and wide rib offers outstanding stability and excellent traction. Increase tyre life and less downtime, also excellent damage resistance due to reinforced sidewalls.



The tread pattern provides excellent grip, performance and operating comfort.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	speed/ index	speed (Mph)	max. load (kg)	Pressure (kPa)	0.D. (mm)	S.W. (mm)	depth (mm)	Rim	Weight (kg)
280/75R22.5 M	M-TERMINAL	168A8	40	5600	1000	988	273	32	7.50 / 8.25	72
310/80R22.5 M	M-TERMINAL	175A8	40	6900	1000	1078	300	32	8.25/ 9.00	78



MAGNA M-STRADDLE/ M-STRADDLE+

IND-3 (E3)

The Magna M-Straddle/M-Straddle+ is designed for use on straddle carriers in demanding port and terminal conditions.

The Magna M-Straddle has a specific crown design, substantial sidewalls, superior traction and is damage resistant. The steel radial construction provides outstanding shock absorption and maximum operating comfort.



Heavy-duty sidewalls in combination with the deep and ribbed tread pattern guarantee excellent resistance to damage and impacts.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Tread pattern	Tra- code	Load symbol	Load speed/ index	Max. speed (km/h)	Single max. load (kg)	Pressure (kPa)	0.D. (mm)	S.W. (mm)	Tread depth (mm)	Rim	Tyre weight (kg)
16.00R25	M-Straddle	E3	**	202A7	35	15000	1000	1550	430	50	11.25/2.0	286
16.00R25	M-Straddle+	E3	**	202A7	35	15000	1000	1550	430	48	11.25/2.0	291
480/95R25	M-Straddle+	E3	**	206A5	25	17000	1000	1550	480	50	13.00/2.5	304



CONSTRUCTION TYRES

Premium quality tyres especially designed for the most demanding construction applications



MAGNA **CONSTRUCTION TYRES**

ptimized loading capacity

Naximized operator comfort

ow cost price per hour

CONSTRUCTION TYRE RANGE



M-SKID2

5.70-12 23X8.50-12 27X8.50-15 10-16.5

12-16.5 14-17.5 15-19.5 445/65-22.5



14-17.5 15-19.5

16.9-24 16.9-28

M-SKID4

10-16.5 12-16.5

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MR400 IND

17.5L(460/70)R24 400(15.5)/80R24 19.5L(500/70)R24 440/80(16.9)R24 540/70(21L)R24 440/80(16.9)R28 400(405)/70R24 480/80(18.4)R26 400(15.5)/80R24 PAGE 53



MA11 E2/L2

365/70R18 405/70R18 405/70R20

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MB250 IND

15.5/80-24

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MB400 IND

10.5/80-18 12.5/80-18

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MB410 IND

17.5L-24 19.5L-24 18.4-26

PAGE 56



MB260

405/70-20 (16/70-20) 405/70-24 (16/70-24)

PAGE 57



MB100

10.00-20

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MB210

13.00-24 14.00-24 16.00-24

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MB720

23.1-26



MB720S

11.00-20

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MAGNA M-SKID2/ M-SKID4

The Magna M-SKID2 has a wide lug tread pattern that provides optimal grip and traction on both smooth and rough surfaces. This pattern offers an extended tyre life due to its reinforced sidewall and strong nylon casing.

The Magna M-SKID4 is designed for maximum performance on concrete, asphalt and other hard surfaces. The extra-deep, aggressive patterns is especially for skid steer loaders. The full-flat profile with self-cleaning stepped tread improves performance.



The deep tread and special traction pattern improves performance and has excellent self-cleaning properties.



All cross ply construction with an improved load performance and enhanced operator comfort.







Tyre Size	Pattern	Tyre type	PLY rating	Max speed (km/h)	Load speed index	Single max. load/ pressure	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Rim
5.70-12	M-SKID2	TL	8	10	101A2	835 kg/ 6.2 bar	570	146	13	4.50
23X8.50-12	M-SKID2	TL	8	10	106A2	960 kg/ 4.5 bar	574	213	13	7.00
27X8.50-15	M-SKID2	TL	10	10	115A2	1200 kg/ 4.8 bar	660	216	15	7.00
10-16.5	M-SKID2	TL	10	10	134A2	2135 kg/ 5.2 bar	773	264	22	8.25
12-16.5	M-SKID2	TL	12	10	145A2	2865 kg/ 5.5 bar	831	307	22	9.75
14-17.5	M-SKID2	TL	14	10	155A2	3875 kg/ 5.5 bar	921	349	22	10.50
15-19.5	M-SKID2	TL	14	10	160A2	4565 kg/ 4.85 bar	1019	389	29	11.75
445/65-22.5	M-SKID-2	TL	18	40	168A2	5600kg/6.9 bar	1172	547	27	14.00
10-16.5	M-SKID4	TL	10	10	134A2	2135 kg/ 5.2 bar	773	264	35	8.25
12-16.5	M-SKID4	TL	12	10	145A2	2865 kg/ 5.5 bar	831	307	35	9.75
14-17.5	M-SKID4	TL	14	10	155A2	3875 kg/ 5.5 bar	921	349	38	10.5
15-19.5	M-SKID4	TL	14	10	160A2	4565 kg/ 4.85 bar	1019	389	38	11.75



MAGNA MR400

for heavy duty service.

The Magna MR400 is a long lasting, reliable cross-ply tyre designed for backhoe loaders and tele- handlers in construction purposes. The radial design with a steel belt and special compound offers a prolonged tyre life

The sturdy construction of the Magna MR400 provides excellent stability and safety, with great cut- and puncture-resistance. The tread design is optimized with self-cleaning mud breakers.



The deep tread and traction pattern improves performance and has excellent self-cleaning properties.



All steel radial constrution. Improved protector plies optimize load performance and operator comfort.







Tyre Size	Pattern	Tyre type	Max speed (km/h)	Load speed index	Single max. load/ pressure	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Rim
460/70 (17.5L) R24	MR400	TL	50	159B IND	4375 kg/ 4.0 bar	1254	455	36	15.00
500/70 (19.5L) R24	MR400	TL	50	164B IND	5000 kg/ 4.0 bar	1310	503	38	16.00
540/70(21L)R24	MR400	TL	50	161B IND	4625 kg/ 3.2 bar	1366	550	40	18.00
400(405)/70R24	MR400	TL	50	158B IND	4250 kg/ 5.0 bar	1170	404	31	13.00
400(15.5)/80R24	MR400	TL	50	156B IND	4000 kg/ 4.0 bar	1250	404	35	13.00
400(15.5)/80R24	MR400	TL	50	162B IND	4750 kg/ 5.0 bar	1250	404	35	13.00
440/80(16.9)R24	MR400	TL	50	161B IND	4625 kg/ 4.0 bar	1314	441	37	14.00
440/80(16.9)R28	MR400	TL	50	156B IND	4000 kg/ 3.2 bar	1415	441	38	14.00
480/80(18.4)R26	MR400	TL	50	160B IND	4500 kg/ 3.2 bar	1428	479	38	15.00



MAGNA MA11 E2/L2 RADIAL

The Magna MA11 is engineered for compact loaders requiring good traction for construction equipment. The aggressive non-directional E2-tread patterns provides superior traction in soft and mud condition.

The reinforced sidewall protection rib prevents all kinds of accident damage or hit. The new tread compound reduces heat build-up in high speed working and protection against cutting and abrasion.



Aggressive non-directional tread pattern provides superior traction in soft underfoot.



All steel radial construction. Improved protector plies optimize load performance and operator comfort.







Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load/ speed index	Single max. load/ pressure	Rim	Overall Diameter (mm)	Section Width (mm)	Tread Depth (mm)	Tyre weight (kg)
265/70040	14411	** _	E2	50	135B	2180 kg/3.75 bar	11.00	074	250	10	50
365/70R18	MA11	-	L2	10	146A2	3000 kg/3.75 bar	11.00	974	358	18	59
405/70010	11111	** _	E2	50	141B	2575 kg/3.75 bar	12.00	1020	400	10	71
405/70R18	MA11	-	L2	10	153A2	3650 kg/3.75 bar	13.00	1029	400	19	71
405/70020	11111	** _	E2	50	143B	2725 kg/3.75 bar	12.00	1000	400	40	77
405/70R20	MA11	** -	L2	10	155A2	3875 kg/3.75 bar	13.00	1080	400	19	77
				.,	155712	3073 119, 3173 241					



MAGNA MB250

IND

The Magna MB250 is designed for telehandlers and backhoe loaders in construction applications. The center tie bar reduces vibration during over-the-road driving.

The extra-deep tread and strong nylon carcass offers puncture resistance and increase tyre life.



Enhanced performance due to traction pattern with excellent self cleaning properties.



All cross ply construction with an improved load performance and enhanced operator comfort.







Tyre Size	Pattern	Tyre type	PLY rating	Max speed (km/h)	Load speed index	Single max. load/ pressure	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Rim
15 5/00 24	MP2F0	TI	10	20	163A6 IND	4875 kg/ 4.0 bar	1262	205	25	W/12
15.5/80-24	MB250	IL	16	30 -	150A6 IND	3450 kg/ 4.0 bar	1262	395	35	W13



MAGNA MB400/ MB410

IND

The Magna MB400 is specially designed for backhoe- and compact wheel loaders. Reinforced sidewall and strong nylon casing provide superior strength and a longer tread life.

The Magna MB410 features a modified tread pattern for excellent traction and flotation in soft underfoot conditions. The tread design is optimized with self-cleaning mud breakers with a wear and cut resistant compound.



The deep tread and special traction pattern improves performance in demanding offroad conditions.



All cross ply construction with an improved load performance and enhanced operator comfort.







Tyre Size	Pattern	Tyre type	PLY rating	Max speed (km/h)	Load speed index	Single max. load/ pressure	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Rim
10.5/80-18	MB400	TL	14	30	125A6 IND	1650 kg/ 4.9 bar	881	274	25	W9
12.5/80-18	MB400	TL	16	30	135A6 IND	2180 kg/ 4.9 bar	975	295	25	W9
17.5L-24	MB410	TL	12	40	146A8 IND	2995 kg/ 2.6 bar	1241	445	27	15.00
19.5L-24	MB410	TL	12	40	151A8 IND	3450 kg/ 2.3 bar	1314	495	30	17.00
18.4-26	MB410	TL	12	40	156A8 IND	4000 kg/ 2.5 bar	1426	467	29	16.00
16.9-24	MB410	TL	14	40	151A8 IND	3670 kg/ 3.3 bar	1309	429	26	15.00
16.9-28	MB410	TL	14	40	142A8 IND	2670 kg/ 2.7 bar	1410	429	28	15.00



MAGNA MB260

The Magna MB260 features a directional pattern design optimized for increased traction. This tyre is designed specifically for application on compact wheel loaders and telehandlers.

A superior carcass and bead construction for a prolonged tyre life. The particularly deep lugs provide excellent wear under even the most severe working conditions. The big tread block design provides excellent traction and puncture resistance.



The deep tread and non-directional tread pattern design offers increased traction & performance.



All cross ply construction with an improved load performance and enhanced operator comfort.







Tyre Size	Pattern	Tyre type	PLY rating	Max speed (km/h)	Load speed index	Single max. load / pressure	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Rim
A0E /70 20 /16 /70 20)	MB260	TL	14	50	145B	3250 kg/ 3.5 bar	- 1075	410	22	13.00
405/70-20 (16/70-20)	MBZ6U	IL	14	10	165A2	5300 kg/ 4.5 bar	- 10/5	410	23	13.00
405/70 24/16/70 24\	MD2CO	TI	14	50	150B	3350 kg/ 3.5 bar	1175	410	20	12.00
405/70-24 (16/70-24)	MB260	TL	14	10	168A2	5600 kg/ 4.5 bar	- 1175	410	30	13.00



MAGNA MB100/ MB210

The Magna MB100 was specifically engineered for mobile excavators in construction applications. Its self-cleaning open tread with mud breakers makes for increased traction. The tyre offers both favorable stability and wear resistance.

The Magna MB210 is a tough grader tyre design, developed specifically to withstand rough terrain. Applicable on soft, muddy and sandy terrain, this tyre offers both excellent self-cleaning and traction performance.



Enhanced performance due to aggressive traction pattern with excellent self cleaning properties.



All cross ply construction with an improved load performance and enhanced operator comfort.







	10-01										
13.00-24 MB210 TL 12 40 143A8 2725 kg/3.0 bar 1280 335 25 8.00To 10 168A2 5600 kg/4.5 bar 14.00-24 MB210 TL 16 16 153A8 3650 kg/3.5 bar 1350 360 29 8.00To 10 168A2 155A8 3650 kg/3.5 bar 1350 360 29 8.00To 10 168A2 155A8 3650 kg/3.5 bar 1350 360 29 8.00To 10 168A2 155A8 3650 kg/3.5 bar 1350 360 29 8.00To 10 168A2 155A8 3650 kg/3.5 bar 1350 360 29 8.00To 10 168A2 155A8 3650 kg/3.5 bar 1350 360 29 8.00To 10 168A2 155A8 3650 kg/3.5 bar 1350 360 29 8.00To 10 168A2 155A8 3650 kg/3.5 bar 1350 360 29 8.00To 10 168A2 155A8 3650 kg/3.5 bar 1350 360 29 8.00To 10 168A2 155A8 3650 kg/3.5 bar 1350 360 29 8.00To 10 168A2 155A8 3650 kg/3.5 bar 1350 360 29 8.00To 10 168A2 155A8 3650 kg/3.5 bar 1350 360 29 8.00To 10 168A2 155A8 3650 kg/3.5 bar 140 155A8		Pattern			speed	speed	max.	diameter	width	depth	Rim
13.00-24 MB210 TL 12 10 168A2 5600 kg/4.5 bar 1280 335 25 8.00To 10 168A2 5600 kg/3.5 bar 14.00-24 MB210 TL 16 16 153A8 3650 kg/3.5 bar 1350 360 29 8.00To 10 168A2 1350 360 20 9 9 8.00To 10 168A2 1350 360 20 9 9 8.00To 10 168A2 1350 360 20 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	10.00-20	MB100	TT	16	50	146B	3000 kg/ 7.5 bar	1055	278	22	7.50
10 168A2 5600 kg/ 4.5 bar 40 153A8 3650 kg/ 3.5 bar 14.00-24 MB210 TL 16 — 1350 360 29 8.00To	12.00.24	MD210	TI	12	40	143A8	2725 kg/ 3.0 bar	1200	225	25	0.007.0
14.00-24 MB210 TL 16 — 1350 360 29 8.00Tu	13.00-24	MBZ10	IL	12	10	168A2	5600 kg/ 4.5 bar	- 1280	333	25	8.0010
	14.00.24	MP210	TI	16	40	153A8	3650 kg/ 3.5 bar	_ 1250	260	20	9 00TC
	14.00-24	IVIDZ IU	IL	10	10	177A2	7300 kg/ 5.5 bar	1550	300	29	0.0010
40 160A8 4500 kg/ 3.0 bar 16.00-24 MB210 TL 16 ———————————————————————————————————	16 00 24	MP210	TI	16	40	160A8	4500 kg/ 3.0 bar	- 1460	125	20	10.00\/\
10.00-24 Mb210 1E 16 10.00V 1400 455 29 10.00V 10 181A2 8250 kg/ 4.25 bar	10.00-24	IVIDZ IV	0 TL	10	10	181A2	8250 kg/ 4.25 bar	1400	0 435	29	10.00VA



MAGNA MB720/ MB720S

The Magna MB720 pattern is specially designed for compactors in construction applications. The even tread wear for greater durability. This tyre offers not only excellent damping and compaction performance, but also ideal flotation and traction performance.

The Magna MB720S is suitable for vibrating roller application on numerous types of pavement materials. The tyre features even wear and reduced ground pressure, which improves both compaction performance and durability.



The tread pattern offers excellent traction and flotation.



All cross ply construction with an improved load performance and enhanced operator comfort.







Tyre Size	Pattern	Tyre type	PLY rating	Max speed (km/h)	Load speed index	Single max. load/ pressure	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Rim
23.1-26	MB720	TL	12	30	125A6	3655 kg/ 1.7 bar	- 1500	595	16	DW20
23.1-20	IVID7 20	1L	12	10	165A2	5150 kg/ 2.0 bar	1500	373	16	DVVZU
11.00-20	MB720S	TT	18	10	169A2	5800 kg/ 8.25 bar	1080	290	22	8.00



INDUSTRIAL SOLID TYRES

Magna industrial solid tyres are stable, puncture resistant and maintenance-free with a high loading capacity.



MAGNA **INDUSTRIAL SOLID TYRES**



- Highly reliable tyre with a long service life
- uperior traction
 - Maximized protection againt cuts and damage
- Optimized loading capacity
- Low cost price per hour

INDUSTRIAL SOLID TYRE RANGE



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23.5-25 13.00-24 26.5-25 29.5-25 14.00-24 16.00-25 17.5-25 35/65-33 20.5-25

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MA600

16.00-25 26.5-25 18.00-25 17.5-25 20.5-25 23.5-25

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MA902

20.5-25 23.5-25 26.5-25

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MA608

10.00-20 12.00-20 12.00-24 14.00-24

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MA608S

10.00-20

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MA801

5.70-12 30X10-16 33X12-16 33X12-16

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36.5X14-20

13.00-24 14.00-24



MA802

13.00-24

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MA805

18.00-25

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Magna Industrial Solid tyres are specially designed for use in scrap yards, slag steel mills, glass works, dumping sites, waste sites and loading fields.



MAGNA MA601

The Magna MA601 has been engineered for use in scrap yards, slag steel mills, glass works, dumping sites, waste sites and loading fields.

The tyre has an advanced tread compound based on topquality natural rubber. This tyre pattern delivers a reduced rolling resistance with good strength and excellent abrasionresistance. Strong absorption for increased driver comfort and reduced truck maintenance.



These Super Solid tyres are stable, puncture resistant and maintenance-



High loading capacity for forklift trucks and other industrial applications.



New improved technology of the high-tech casing reduces heat build up inside the tyre.





Load capacity

Tyre size	Pattern	Steering wheel (kgs)	Load wheel kg @ 6 km/h	Load wheel kg @ 10 km/h	Load wheel kg @ 25 km/h	0.D. (mm)	S.W. (mm)	Tread depth (mm)	Rim	Tyre weight (kg)
13.00-24	MA601	6800	8200	7480	6800	1250	320	72	8.5	310
14.00-24	MA601	8000	9600	8800	8000	1320	340	72	10.0	377
16.00-25	MA601	9000	10800	9900	9000	1500	410	95	11.25	600
17.5-25	MA601	8500	9680	9350	8500	1340	440	140	14.00	510
20.5-25	MA601	9600	11600	10560	9600	1480	520	160	17.00	765
23.5-25	MA601	12000	14400	13200	12000	1610	590	180	19.50	1042
26.5-25	MA601	14500	17550	15950	14500	1720	650	200	22.00	1345
29.5-25	MA601	18500	22000	19980	18500	1870	740	200	25.0	1855
35/65-33	MA601	24000	28550	25950	24000	2030	850	197	28.0	2360



MAGNA MA600

The Magna MA600 features a high loading/ low rolling resistance, lower energy consumption, higher wear and puncture resistance. This solid tyre patterns is widely used in scrap yards, slag steel mills, glass works, dumping sites, waste sites and loading fields.

Superior quality designed for the toughest use on industrial vehicles with a risk of impact and damage. It is the ideal replacement of pneumatic tyres in for low-speed and high-load circumstances.



These Super Solid tyres are stable, puncture resistant and maintenance-free.



High loading capacity for forklift trucks and other industrial applications.







				apacity (g)				Tread			
Tyre size	Pattern	Steering wheel (kgs)	Load wheel kg @6 km/h	Load wheel kg @10 km/h	Load wheel kg @25 km/h	0.D. (mm)	S.W. (mm)	depth (mm)	Rim	Tyre weight (kg)	
16.00-25	MA600	13490	19400	16860	13480	1446	390	72	11.25	600	
18.00-25	MA600	16960	28000	22120	19200	1607	482	90	13	880	
17.5-25	MA600	14200	23000	17750	16010	1356	458	90	14	580	
20.5-25	MA600	15480	24300	19980	16870	1524	520	105	17	792	
23.5-25	MA600	24780	40000	30960	27740	1619	585	105	19.5	1092	
26.5-25	MA600	31400	51000	39300	35400	1736	657	105	22	1420	



MAGNA MA902

The Magna MA902 is designed to perform in extreme environments where good ride quality is required including scrap metal recycling centres, waste transfer stations and slag steel mills.

Magna Super Solid tyres are of a superior quality, designed for the toughest uses on industrial vehicles with a risk of impact and damage. The steel wheels are engineered to handle overloads, excessive torque, severe sheer and bending stress.



These Super Solid tyres are stable, puncture resistant and maintenance-free



High loading capacity for forklift trucks and other industrial applications.







Tyre size	Pattern	Load capacity (kg) @25 km/h	Overall Diameter (mm)	Section Width (mm)	Rim	Tyre weight (kg)
17.5-25	MA902	9500	1340	440	14.00	585
20.5-25	MA902	10500	1500	510	17.00	795
23.5-25	MA902	11500	1620	590	19.50	1085
26.5-25	MA902	16000	1720	650	22.00	1380



MAGNA MA608

The Magna MA608 twin wheels is an engineered, solid tyre solution specifically designed for mobile excavators with a massive non-directional tread pattern. Maximum stability and improved durability.

The solid base of the tyres ensures optimal puncture resistance. The large contact area reduces tyre stress and uneven wear for maximum durability.



Excellent machine stability and maximum safety due to high stiffness and low vertical deflection of the solid tyres.



3 stage technology of premium quality rubber tread + cushion + FRRC base reinforced by steel cords.



Innovative tread design for maximum traction in every condition.





			Load capa (kg/tyr			0verall	Section		Tyre weight	Total weight of twin
Tyre size	Pattern	Static	6 km/h	10 km/h	25 km/h	Diameter (mm)	Width (mm)	Rim	single (kg)	wheel set (kg)
10.00-20	MA608	7500	6000	5450	5000	1073	252	7.00/7.50	155	477
12.00-20	MA608	9150	7560	6870	6300	1146	290	8.00/8.50	200	569
12.00-24	MA608	9675	8040	7300	6700	1247	309	8.50	298	801
14.00-24	MA608	13800	11100	10080	9250	1320	340	10.00	413	1041



MAGNA MA608S

The Magna MA608S is a solid tyre designed and developed for terminal trailers. The solid base of the tyres ensures optimal puncture resistance.

The Magna MA608S is a solid, slick tyre with maximum wear volume for high mileage and a long lifetime. The large contact area reduces tyre stress for maximum durability. The tyre compound provides excellent reliability due to fewer tread edges compared to the profiled pattern.



These Super Solid tyres are stable, puncture resistant and maintenance-free



High loading capacity for forklift trucks and other industrial applications.





-						
Tyre size	Pattern	Load capacity (kg) @25 km/h	Overall Diameter (mm)	Section Width (mm)	Rim	Tyre weight (kg)
10.00-20	MA608S	12890	1020	240	7.5	165



MAGNA MA805

The Magna MA805 is specially designed for application in scrap yards, slag steel mills, glass works, dumping sites, waste sites and loading fields.

Magna Super Solid tyres are designed for the toughest applications on industrial vehicles with a risk of impact and damage.



These Super Solid tyres are stable, puncture resistant and maintenance-free.



High loading capacity for forklift trucks and other industrial applications.







				Load cap	acity (kg)		Overall	Section		Tyre
	Tyre size	Pattern	Static	@6 km/h	@10 km/h	@25 km/h	Diameter (mm)	Width (mm)	Rim	weight (kg)
	18.00-25	MA805	21780	18150	16500	15000	1615	490	13.00	885



MAGNA MA801

The Magna MA801 is designed to eliminate downtime and provide superior vehicle performance and extreme duty use such as waste & recycling. The enhanced rubber compound is designed for greater resistance to cutting and chunking.

A highly reliable tyre with a self-cleaning pattern and a long tread life.



Excellent machine stability and maximum safety due to high stiffness and low vertical deflection of the solid tyres.



Traction pattern for excellent traction.







Tyre size	Pattern	Load capacity (kg) @ 25 km/h	Overall Diameter (mm)	Section Width (mm)	Rim	Tyre weight (kg)
5.70-12	MA801	1300	570	146	4.00	26
23x8.5-12	MA801	1700	580	190	5.00	34
30x10-16	MA801	2200	760	240	6.0	69
33x12-16	MA801	3200	820	286	8.0	100
33x12-20	MA801	3000	830	285	8.0	85
36.5x14-20	MA801	4000	920	350	11.0	149
13.00-24	MA801	6800	1270	320	8.5	288
14.00-24	MA801	8000	1340	340	8.5/10.00	370



MAGNA MA802

The Magna MA802 is designed to eliminate downtime and provide superior vehicle performance and extreme duty use such as waste & recycling. The enhanced rubber compound is designed for greater resistance to cutting and chunking.

A highly reliable tyre with a self-cleaning pattern and a long tread life.



Excellent machine stability and maximum safety due to high stiffness and low vertical deflection of the solid tyres.



Traction pattern for excellent traction.







Tyre size	Pattern	Load capacity (kg) @ 25 km/h	Overall Diameter (mm)	Section Width (mm)	Rim	Tyre weight (kg)
13.00-24	MA802	9840	1260	306	8.5	278



MADE IN HOLLAND PRODUCTION

Same quality, typical Dutch

Industrial design and Dutch quality come together in the Magna 'Made in Holland' tyre range.

With over 40 years of experience in manufacturing and trading premium quality rubber compounds, Magna Tyres Group started with the production of Magna tyres in their Dutch production facility, based in the eastern part of The Netherlands.

We brought the production of these tyres back to our home country to keep up with the fast growing demand of the premium quality Magna brand. By developing and producing the most popular tyres/sizes in our state-of-the-art production facility in The Netherlands, we promise our customers:

- 100% Dutch Quality
- Guaranteed product availability
- Premium Quality rubber compound
- Fast delivery due local stock





Dutch quality, our **pride**







MAGNA MA01

Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load/ speed index	Single max. load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
17.5R25	MA01	**	E3	50	167B	5450 kg/5.25 bar	- 14.00/1.5	1346	457	27	157
17.5825				L3	10	182A2	8500 kg/6.5 bar	14.00/1.3	1340	437	21
20 5025	MA01	**	E3	50	177B	7300 kg/5.25 bar	17.00/2.0	1472	F22	24	221
20.5R25		**	L3	10	193A2	11500 kg/6.5 bar	17.00/2.0	1473	533	31	231





MAGNA MA02

Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load/ speed index	Single max. load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
23.5R25	MA02	**	E3+	50	185B	9250 kg/5.0 bar	- 19.50/2.5	1626	610	41	350
23.31123) IVIAUZ		L3+	10	201A2	14500 kg/6.5 bar	17.30/ 2.3	1020	010	11	330
26.5R25	MA02	**	E3+	50	193B	11500 kg/5.0 bar	22.00/3.0 175	17E /I	695	41	449
20.3K23			L3+	10	209A2	18450 kg/6.5 bar		1/34	093		449
29.5R25	MAGO	**	E3+	50	200B	13950 kg/5.0 bar	- 25.00/3.5	10/0	740	44	F07
	MA02	**	L3+	10	216A2	22350 kg/6.5 bar		1868	748		597





MAGNA M-TERRAIN

Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load/ speed index	Single max.load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
20.5R25	M-Terrain	**	E4	50	177B	7300 kg/ 5.25 bar	17.00/2.0	1515	527	48	263
20.31(2)			L4	10	193A2	11500 kg/ 6.50 bar		1515	JLI		
26.5R25	M-Terrain	**	E4	50	193B	11500 kg/5.25 bar	22.00/2.0	1000	675	56	507
20.5K25			L4	10	209A2	18500 kg/6.50 bar	22.00/3.0	1800	675		
20 5025	M-Terrain	**	E4	50	200B	14000 kg/5.25 bar	25.00/3.5	1875	750	59	652
29.5R25			L4	10	216A2	22400 kg/6.50 bar					



MAGNA M-SNOW

Tyre size	Pattern	Load symbol	Tra code	Max. speed (km/h)	Load/ speed index	Single max. load/ pressure	Rim	Overall diameter (mm)	Section width (mm)	Tread depth (mm)	Tyre weight (kg)
20 5025	M CNOW	** _	G2	40 km/h	170A8	6000 kg/4.5 bar	17.00/2.0	1400	F20	21	227
20.5R25	M-SNOW		L2	10 km/h	193A2	11500 kg/6.5 bar	17.00/2.0	/2.0 1490	520	31	236



MAGNA TYRES GROUP

Magna Tyres Group is a manufacturer of Off-The-Road (OTR), Industrial, Port Handling and Truck Tyres. The products of Magna Tyres are already running in more than 130 countries all over the world and the global presence of the brand continues to grow every year.

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