

MIT THE KING

M A R A N G O N I I N D U S T R I A L T Y R E S



INDUSTRIAL & MPT TYRES
TECHNICAL DATA BOOK 2020



MARANGONI
INDUSTRIAL TYRES 

MARANGONIINDUSTRIALTYRES.IT

STRONGER PERFORMANCE SAVES YOU TIME

MARANGONI INDUSTRIAL TYRES ARE THE ONLY CHOICE for those who want maximum performance and minimum wear. Those who work hard know how crucial time is. Continuous and extended use with no downtime for maintenance is a critical time saver. This indisputable advantage combined with high quality compounds and raw materials that extend the tyre's lifespan allows us to achieve another key result: a reduction in costs. The wide range of MARANGONI INDUSTRIAL TYRES products is able to meet any and all requirements in terms of reliability, performance and safety. Guaranteed return for a long-term investment.

A SINGLE RESPONSE TO ALL YOUR NEEDS: PERFORMANCE



CUT OPERATING COSTS

Reducing rolling resistance means reducing heat and thus energy consumption. The benefits are a greater yield per battery charge for electric forklifts and fewer refuelling stops for those based on internal combustion engines.

ACHIEVE HIGH STANDARDS OF QUALITY AND RELIABILITY

The management of the entire production process makes MARANGONI INDUSTRIAL TYRES one of the few companies able to choose compounds, technologies, machinery and moulds, while at the same time implementing unparalleled know-how.

This results in highly proven and cutting edge products that always offer the performance you need.

IMPROVE EFFICIENCY

Constant performance levels, limited wear, plus comfort, stability and excellent loading capacity guarantee higher efficiency even for heavy duty forklifts.

CHOOSE THE BEST PRODUCT

Many of the leading manufacturers of forklifts and industrial vehicles have chosen MARANGONI INDUSTRIAL TYRES as their original equipment supplier and have cooperated with the Research and Development Centre to develop their products according to different needs: efficiency, safety, and comfort.

Users can benefit from the wide range of products offered by MARANGONI INDUSTRIAL TYRES, a leading specialist in the sector globally.

REDUCE YOUR COMPANY'S FOOTPRINT

By ensuring industrial tyres a longer lifespan and decreasing the energy consumption of vehicles, which in turn reduces polluting emissions and thus the overall ecological impact is significantly reduced.

SPECIALIST STRENGTH

The quality of the compounds used is essential in the solid industrial tyre sector.



TREAD COMPOUND

Resistant to wear and tear, guarantees excellent grip on wet or slippery surfaces (e.g. oil stains).

CUSHION COMPOUND

Central compound, lowers operating temperature and ensures low rolling resistance.

+LIFE

+COMFORT

+SAVING

+STABILITY

BASE 2

Extremely hard material that reduces deformation and supports the load while preserving bead stiffness and preventing the tyre from coming off the rim.

BASE 1

Ensures the tyre remains attached to the rim over time: the metal rings inside the tyre adhere perfectly to the metal. Perfect coupling to the rim: easy to fit and remove.



SPECIAL-S

This version was designed and developed especially for loaders and produced in the 20 and 24 inch sizes. It is constructed using compounds which are particularly resistant to tearing. The tyre stands out for its resistance to wear and tear, jolts, cuts and abrasions, as well as for its high rigidity that provides stability to the vehicle and, therefore, to the load. Used for vehicles which carry loads, usually in environments with extreme conditions, such as scrap yards and dumps.



HIGH CAPACITY-HL

This is a tyre designed with a highly rigid structure in comparison to standard tyres. It is constructed with extremely hard compounds that are able to maintain all the other physical and mechanical characteristics to excellent levels. The distinguishing feature of Super-elastic and Cushion tyres is their ability to sustain high loads with minimal deformation. It is widely used in situations where it is of paramount importance to maintain the stability of the vehicle and, therefore, of the load. It is also utilised in other specific cases. Contact a MARANGONI INDUSTRIAL TYRES technician for advice before choosing this version.



ANTISTATIC-AS

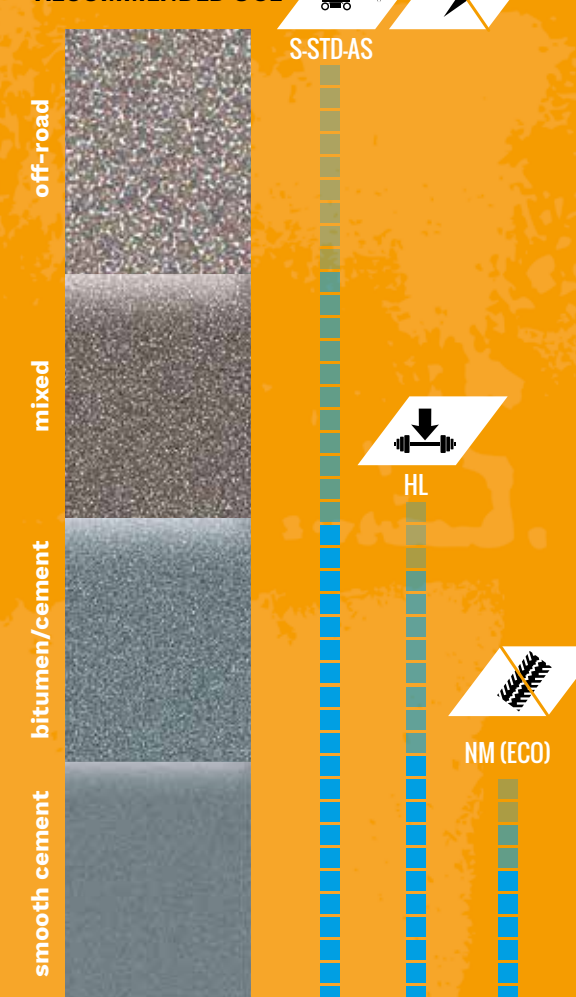
This tyre was designed to release the static electricity accumulated by the vehicle onto the ground. It is constructed with special additives which perform this action while maintaining all the other physical and mechanical characteristics to excellent levels. It is typically used in paint and solvent factories, in gas tank deposits, in environments with easily flammable fine dust particles or in environments where the accumulation of static electricity can cause explosions. In all of these cases, the use of this tyre increases safety levels. The AS Super-elastic and Cushion tyres are in compliance with the ISO/DIS 2883 standards. A certificate of conformity shall be provided upon customers' request.



NO MARKING-NM

This is a yellow coloured tyre, designed not to leave dark marks on the ground surface. It is constructed with a yellow mixture, containing no dark substances. Its use is recommended in environments where cleanliness is of great importance, for example in the pharmaceutical, food and beverage, and electronic industries, or anywhere light coloured floors must stay clean.

SURFACE: RECOMMENDED USE



INNOVATIVE SOLUTIONS

SUPER-ELASTIC **ELTOR® E3** INTEGRATED LOADER SYSTEM

The MARANGONI INDUSTRIAL TYRES integrated loader system is ideal for all stressful situations in which the machines have to work in a stationary position, travelling just short distances and carrying particularly heavy loads (scrap yards, landfills, timber yards, etc.).

TYRE

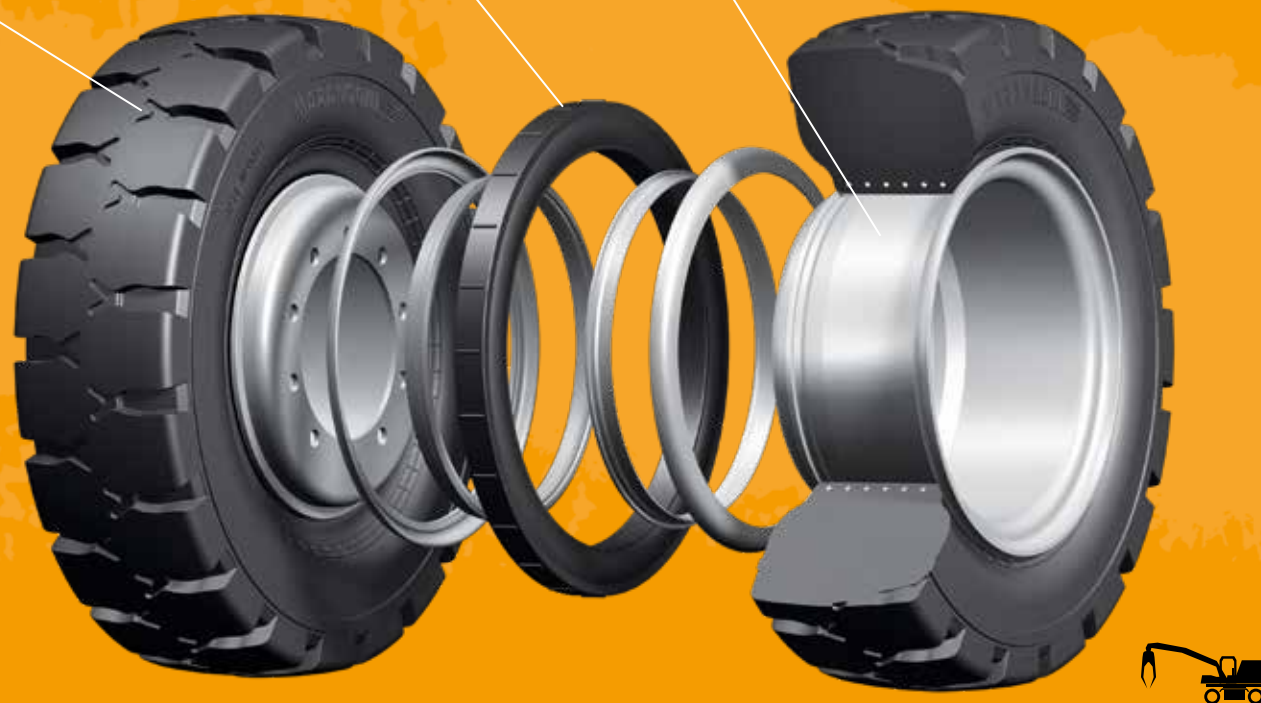
square and compact pattern less vertical deformation
MORE STABILITY
COMPOUND
resistant to cuts and tears
+ LIFE
TREAD
designed to transmit
MORE TRACTION

SPACER

prevents infiltration of debris and other similar objects

REINFORCED RIM WITH FLAT BOTTOM CHANNEL

increased thickness
no aeration or inflation valve holes
STURDIER
perfect coupling to the tyres
MORE SOLIDITY



ELTOR® E3 TYRE

High stability tyre designed to withstand very high loads. The reinforced sidewall limits vertical deformation and protects against accidental impact. The compounds used guarantee maximum resistance to cuts and tears and consequently longer life. The tread is designed to improve traction in all working conditions.

RING PROTECTOR

The spacer perfectly traces the profile of the MARANGONI INDUSTRIAL TYRES E3 tyre sidewall, thus preventing infiltration of debris and the like.

RIM

The reinforced rim with flat bottom channel, designed especially to mount MARANGONI INDUSTRIAL TYRES solid tyres, solves all skidding problems. Especially robust due to increased thickness and elimination of the aeration holes and the hole for the inflation valve.

SUPER-ELASTIC **ELTOR FIX®**

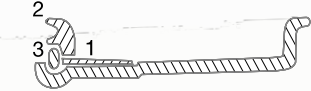
FIX - Bead structure consist of a special border made of highly resistant rubber; guarantees a perfect fit on the rim with no need for fastening rings.

ELTOR FIX® FOR QUICK AND EASY INSTALLATION



FOR BEAD FIX VERSION

ELTOR® STANDARD (NON FIX) FOR FITTING ON INDUSTRIAL MULTIPIECE RIMS



FOR BEAD NON-FIX VERSION
Movable rimparts 1, 2 and 3.

RIMS FOR FIX SOLID TYRES

- Fit all sizes of FIX Solid Tyres from 8" to 20".
- Available for all standard applications.
- Adaptable to most custom applications.



INDUSTRIAL MULTIPIECE RIMS

- Fit all sizes of Industrial Tyres from 8" to 24".
- Available for all standard and heavy duty (20 and 24") applications.
- Multipiece design includes 2 or 3 piece components or base wheel for the FIX type applications.
- Fit tube type tyres as well as NON FIX solid tyres.
- Designed for easy tyre installation and precise fitment.



SPLIT RIMS (DIVIDED TYPE)

- Designed for easy tyre installation and precise fitment without press.



WHEELS FOR POB CUSHION TYRES

- Fit all sizes of press on band cushion from 6,5" to 22".
- Available for all standard applications.
- Adaptable to most custom applications.



SPECIALISED RANGE

SUPER-ELASTIC

ELTOR® EVO

SUPERIOR



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ELTOR® E3

PREMIUM



Page 15



ELTOR® EL

PREMIUM



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ELTOR® ER

PREMIUM



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ELTOR® ES

PREMIUM



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FORZA F1

QUALITY



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JUMBO J2

BUDGET



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JUMBO JL

BUDGET



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PRESS ON BAND CUSHION MARANGONI

ATHLETIK® A1

SUPER-BUDGET



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SKS



Page 27



BS BSC BL

PREMIUM



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PRESS ON BAND CUSHION FORZA

TR SM

QUALITY



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CONVENTIONAL PNEUMATIC INDUSTRIAL TYRES

SW LT



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CONVENTIONAL PNEUMATIC SKID STEER TYRES FOR SMALL-SIZED MACHINES

SS SD SKZ+



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CONVENTIONAL PNEUMATIC TYRES FOR INDUSTRIAL TRACTORS FOR CONSTRUCTION AND ROAD WORKS

IM54 T109



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MULTI-PURPOSE CONVENTIONAL PNEUMATIC TYRES FOR MANUFACTURING MACHINES

MT63 MT45 MT54 MT72 MT90



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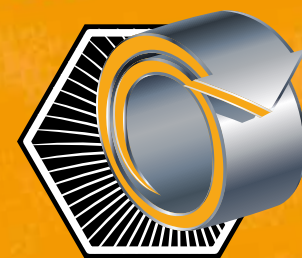
ELTOR® EVO

THE TECHNOLOGY THAT ANTICIPATES TOMORROW BY 10%



Our prime objective? To extend tyre life and save our customers time and money, without compromising on performance. Rather, improving performance even more compared to similar competing products. MARANGONI INDUSTRIAL TYRES' response has a name: **Eltor® EVO**. This new range can withstand a high number of working hours (10% more compared to other premium products) by generating less heat, the result of a new structure and optimised characteristics of the compounds.

The results achieved today with **Eltor® EVO** in terms of reliability, performance and safety were unconceivable just a few years ago. Longer continuous service without stopping for maintenance means savings in terms of time and costs, as well as reducing environmental impact. Less replacements mean less CO₂ emissions, beneficial for the environment.



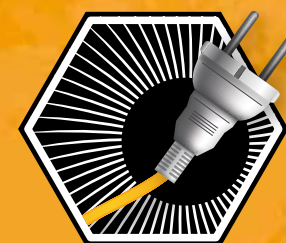
-8%*
LOWER ROLLING RESISTANCE



-15%*
REDUCED HEAT PRODUCTION



+10%*
LONGER LIFE



-20%*
LOWER ENERGY CONSUMPTION

*Tests conducted in the laboratory with other premium products.

MORE TIME, MORE EVOLUTION

NEW TREAD STRUCTURE, WITH THE 60J POSITIONED ON A SMALLER DIAMETER
= longer life compared to other premium products

DEEPER TREAD

EVOLVED AND UPGRADED COMPOUNDS

Eltor® EVO is the super-elastic superior tyre by MARANGONI INDUSTRIAL TYRES offering the best performance in terms of durability, reliability and energy consumption.

The MARANGONI INDUSTRIAL TYRES R&D Division, after hundreds of hours spent on testing, has achieved the goal to optimize structures and compounds so as to obtain the best product in the market.

Low rolling resistance together with reduced heat generation allow **Eltor® EVO** to be used even in extreme operating conditions, guaranteeing long product life.

COMPOUNDS DESIGNED FOR BETTER ROLLING RESISTANCE AND LESS FRICTION BETWEEN THE TREAD AND THE GROUND
= lower energy consumption and maximum battery efficiency

GOOD DIRECTIONALITY



BETTER TRACTION

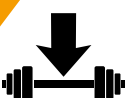


GREATER STABILITY SMOOTH RUNNING



ELTOR® EVO

ELTOR® EVO NO MARKING

S
specialHL
high capacityAS
antistaticNM
no marking

- Higher mileage.
- High reliability on all forklift trucks, even for heavy duty applications.
- Optimum comfort level.
- Maximum traction.



Ø	TYRE SIZE (inches)	PROFILE	RIM SIZE	TYRE DIMENSIONS (1)		WEIGHT (kg) ± 2%	LOAD CAPACITY (KG) AT MAX SPEED (KM/H) (2)				
				W (mm) ± 2%	D (mm) ± 2%		CARRYING WHEEL 25 km/h	STEERING WHEEL 25 km/h	TRAILERS (3)		
									25 km/h	10 km/h	6 km/h
4"	4.00-4	NEW EVO	2.50C-4	101	303	6,6	535	412	412	485	535
8"	4.00-8	EVO	3.00D-8	105,9	403,5	10,7	950	730	730	860	950
	4.00-8	EVO FIX	3.00D-8	105,9	403,5	11,0	950	730	730	860	950
	15x4½-8 (125/75-8)	EVO	3.00D-8	109	377	9,4	1.040	800	800	945	1.040
	15x4½-8 (125/75-8)	EVO FIX	3.00D-8	109	377	9,7	1.040	800	800	945	1.040
	15x4½-8 (125/75-8)	NEW EVO	3.25D-8	107	377	9,6	1.040	800	800	945	1.040
	5.00-8	EVO	3.00D-8	120	458	17,1	1.415	1.090	1.090	1.285	1.415
	5.00-8	EVO FIX	3.00D-8	120	458	17,2	1.415	1.090	1.090	1.285	1.415
	16x6-8 (150/75-8)	EVO	4.33R-8	151	421	17,1	1.495	1.150	1.150	1.360	1.495
	16x6-8 (150/75-8)	EVO FIX	4.33R-8	151	421	17,4	1.495	1.150	1.150	1.360	1.495
	18x7-8 (180/70-8)	EVO	4.33R-8	152	453	20,2	2.145	1.650	1.650	1.945	2.145
9"	18x7-8 (180/70-8)	EVO FIX	4.33R-8	152	453	20,5	2.145	1.650	1.650	1.945	2.145
	140/55-9	EVO	4.00E-9	130	380	11,5	1.170	900	900	1.060	1.170
	140/55-9	EVO FIX	4.00E-9	130	380	11,8	1.170	900	900	1.060	1.170
	6.00-9	EVO	4.00E-9	139	525	26,1	1.885	1.450	1.450	1.710	1.885
	6.00-9	EVO FIX	4.00E-9	139	525	26,4	1.885	1.450	1.450	1.710	1.885
	21x8-9 (200/75-9)	EVO	6.00E-9	183	522	34,2	2.755	2.120	2.120	2.500	2.755
	21x8-9 (200/75-9)	EVO FIX	6.00E-9	183	522	34,6	2.755	2.120	2.120	2.500	2.755
	6.50-10	EVO	5.00F-10	160	575	36,6	2.340	1.800	1.800	2.125	2.340
	6.50-10	EVO FIX	5.00F-10	160	575	36,8	2.340	1.800	1.800	2.125	2.340
	180/60-10	EVO	5.00F-10	152	454	18,5	2.410	1.850	1.850	2.180	2.410
10"	180/60-10	EVO FIX	5.00F-10	152	454	19,0	2.410	1.850	1.850	2.180	2.410
	7.50-10	EVO	5.50F-10	176	636	52,3	3.070	2.360	2.360	2.785	3.070
	7.50-10	EVO FIX	5.50F-10	176	636	52,3	3.070	2.360	2.360	2.785	3.070
	200/50-10	EVO	6.50F-10	189	464	25,6	2.470	1.900	1.900	2.240	2.470
	200/50-10	EVO FIX	6.50F-10	189	464	26,1	2.470	1.900	1.900	2.240	2.470
	23x9-10 (225/75-10)	EVO	6.50F-10	195	581	46,0	3.445	2.650	2.650	3.125	3.445
	23x9-10 (225/75-10)	EVO FIX	6.50F-10	195	581	46,3	3.445	2.650	2.650	3.125	3.445
	7.00-12	EVO	5.00S-12	169	658	47,6	2.920	2.240	2.240	2.645	2.920
	7.00-12	EVO FIX	5.00S-12	169	658	48,3	2.920	2.240	2.240	2.645	2.920
	23x10-12 (250/60-12)	EVO	8.00G-12	227	586	49,9	3.770	2.900	2.900	3.420	3.770
12"	23x10-12 (250/60-12)	EVO FIX	8.00G-12	227	586	50,6	3.770	2.900	2.900	3.420	3.770
	27x10-12 (250/75-12)	EVO	8.00G-12	235	672	73,5	3.900	3.000	3.000	3.540	3.900
	27x10-12 (250/75-12)	EVO FIX	8.00G-12	235	672	74,3	3.900	3.000	3.000	3.540	3.900
	315/45-12	EVO	10.00G-12	275	588	61,0	4.485	3.450	3.450	4.070	4.485
	315/45-12	EVO FIX	10.00G-12	285	574	61,4	4.485	3.450	3.450	4.070	4.485
	7.00-15	EVO	5.5-15	180	728	59,0	3.545	2.725	2.725	3.215	3.545
	7.00-15	EVO FIX	5.5-15	180	728	59,5	3.545	2.725	2.725	3.215	3.545
	7.50-15	EVO	5.5-15	205	758	72,2	3.900	3.000	3.000	3.540	3.900
	7.50-15	EVO FIX	5.5-15	205	758	72,7	3.900	3.000	3.000	3.540	3.900
	7.50-15	EVO	6.0-15	205	758	72,6	3.900	3.000	3.000	3.540	3.900
15"	7.50-15	EVO FIX	6.0-15	205	758	73,5	3.900	3.000	3.000	3.540	3.900
	7.50-15	EVO	6.5-15	205	758	72,9	3.900	3.000	3.000	3.540	3.900
	7.50-15	EVO FIX	6.5-15	205	758	74,2	3.900	3.000	3.000	3.540	3.900
	8.25-15	EVO	6.5-15	203	822	90,9	4.750	3.650	3.650	4.300	4.750
	8.25-15	EVO FIX	6.5-15	203	822	92,4	4.750	3.650	3.650	4.300	4.750
	28x9-15 (225/75-15)	EVO	7.0-15	214	699	61,8	3.445	2.650	2.650	3.125	3.445
	28x9-15 (225/75-15)	EVO FIX	7.0-15	214	699	62,2	3.445	2.650	2.650	3.125	3.445
	250-15 (250/70-15)	EVO	7.0-15	214	721	66,5	4.745	3.650	3.650	4.310	4.745
	250-15 (250/70-15)	EVO FIX	7.0-15	214	721	67,0	4.745	3.650	3.650	4.310	4.745
	250-15 (250/70-15)	EVO	7.5-15	214	721	67,5	4.745	3.650	3.650	4.310	4.745
15"	250-15 (250/70-15)	EVO FIX	7.5-15	214	721	68,5	4.745	3.650	3.650	4.310	4.745
	300-15 (315/70-15)	EVO	8.0-15	256	821	114,0	5.850	4.500	4.500	5.310	5.850
	300-15 (315/70-15)	EVO FIX	8.0-15	256	821	114,9	5.850	4.500	4.500	5.310	5.850
	28x12½-15 (355/45-15)	EVO	9.75-15	285	716	91,0	5.690	4.375	4.375	5.165	5.690
	28x12½-15 (355/45-15)	EVO FIX	9.75-15	285	716	92,0	5.690	4.375	4.375	5.165	5.690
	355/50-15	NEW EVO	9.75-15	295	712	95,0	5.690	4.375	4.375	5.165	5.690
	355/50-15	NEW EVO FIX	9.75-15	295	712	96,0	5.690	4.375	4.375	5.165	5.690
	355/65-15 (350-15)	EVO	9.75-15	300	821	135,2	7.800	6.000	5.450	6.430	7.085
	355/65-15 (350-15)	EVO FIX	9.75-15	300	821	136,1	7.800	6.000	5.450	6.430	7.085
	400/60-15	EVO	11.0-15	323	820	149,3	8.970	6.900	6.900	8.140	8.970
	400/60-15	EVO FIX	11.0-15	323	820	151,5	8.970	6.900	6.900	8.140	8.970

(1) Sizes are intended for tyres not fitted on rims;
 (2) Capacity values indicated are in reference to ELTOR tyres mounted on vehicles whose speed with no cargo is less than 25 km/h (according to E.T.R.T.O. standards);
 (3) Only for interior courses inferior to 2,000 metres; if otherwise, contact dealer (according to E.T.R.T.O. standards).

SUPERIOR



Ø	TYRE SIZE (inches)	PROFILE	RIM SIZE	TYRE DIMENSIONS (1)		WEIGHT (kg)	LOAD CAPACITY (KG) AT MAX SPEED (KM/H) (2)				
				W (mm) ± 2%	D (mm) ± 2%		CARRYING WHEEL 25 km/h	STEERING WHEEL 25 km/h	TRAILERS (3)		
						± 2%			25 km/h	10 km/h	6 km/h
20"	355/50-20	EVO	10.0-20	309	832	119,0	8.970	6.900	6.900	8.140	8.970
	355/50-20	EVO FIX	10.0-20	309	832	119,8	8.970	6.900	6.900	8.140	8.970
	9.00-20	NEW	EVO	6.5-20	243	991	5.400	4.500	4.500	4.905	5.400
	9.00-20	NEW	EVO	7.0-20	243	991	5.400	4.500	4.500	4.905	5.400
	10.00-20	NEW	EVO	7.0-20	258	1.011	6.000	5.000	5.000	5.450	6.000
	10.00-20	NEW	EVO	7.5-20	258	1.011	6.000	5.000	5.000	5.450	6.000
	10.00-20	NEW	EVO	8.0-20	258	1.011	6.000	5.000	5.000	5.450	6.000
	12.00-20	NEW	EVO	8.0-20	267	1.099	7.560	6.300	6.300	6.885	7.560
	12.00-20	NEW	EVO	8.5-20	267	1.099	7.560	6.300	6.300	6.885	7.560
	12.00-20	NEW	EVO	10.0-20	303	1.099	7.800	6.500	6.500	7.085	7.800
	12.00-24	NEW	EVO	8.5-24	281	1.183	8.040	6.700	6.700	7.305	8.040
	14.00-24	NEW	EVO	10.0-24	353	1.300	11.100	9.250	9.250	1.085	11.100

(1) Sizes are intended for tyres not fitted on rims;
(2) Capacity values indicated are in reference to ELTOR tyres mounted on vehicles whose speed with no cargo is less than 25 km/h (according to E.T.R.T.O. standards);
(3) Only for interior courses inferior to 2.000 metres; if otherwise, contact dealer (according to E.T.R.T.O. standards).

ELTOR® E3

ELTOR® E3 NO MARKING



PREMIUM



S
special



HL
high capacity



AS
antistatic



NM
no marking

- Tested structure that always offers good mileage.
- High stability, suitable for large forklift trucks and loaders.
- Excellent comfort in every situation.



E3

E1

SUPER-ELASTIC ELTOR® E3

PREMIUM

Ø	TYRE SIZE (inches)	PROFILE	RIM SIZE	TYRE DIMENSIONS (1)		WEIGHT (kg) ± 2%	LOAD CAPACITY (KG) AT MAX SPEED (KM/H) (2)				
				W (mm) ± 2%	D (mm) ± 2%		CARRYING WHEEL 25 km/h	STEERING WHEEL 25 km/h	TRAILERS (3)		
							25 km/h	25 km/h	25 km/h	10 km/h	6 km/h
4"	3.00-4	E1	2.10-4	76	250	3,5	260	195	195	235	260
	4.00-4	E3	2.50C-4	101	303	6,6	535	412	412	485	535
6"	3.50/4.00-6	E3	3.75-6	112	311	7,0	410	315	315	370	410
	140/55-6	E3	4.50-6	131	311	8,3	1.070	825	825	970	1.070
8"	4.00-8	E3	3.00D-8	100	403	10,3	950	730	730	860	950
	4.00-8	E3 FIX	3.00D-8	100	403	10,6	950	730	730	860	950
	15x4½-8 (125/75-8)	E3	3.00D-8	109	375	9,3	1.040	800	800	945	1.040
	15x4½-8 (125/75-8)	E3 FIX	3.00D-8	109	375	9,5	1.040	800	800	945	1.040
	15x4½-8 (125/75-8)	E3	3.25D-8	107	377	9,2	1.040	800	800	945	1.040
	5.00-8	E3	3.00D-8	123	455	16,6	1.415	1.090	1.090	1.285	1.415
	5.00-8	E3 FIX	3.00D-8	123	455	16,9	1.415	1.090	1.090	1.285	1.415
	5.00-8	E3	3.25D-8	123	455	16,3	1.415	1.090	1.090	1.285	1.415
	16x6-8 (150/75-8)	E3	4.33R-8	150	418	16,5	1.495	1.150	1.150	1.360	1.495
	16x6-8 (150/75-8)	E3 FIX	4.33R-8	150	418	16,8	1.495	1.150	1.150	1.360	1.495
	18x7-8 (180/70-8)	E3	4.33R-8	148	448	19,8	2.145	1.650	1.650	1.945	2.145
	18x7-8 (180/70-8)	E3 FIX	4.33R-8	148	448	20,0	2.145	1.650	1.650	1.945	2.145
	18x9-8	E3	7.00E-8	214	454	29,5	2.300	1.900	1.900	2.090	2.300
9"	140/55-9	E3	4.00E-9	130	380	10,0	1.170	900	900	1.060	1.170
	140/55-9	E3 FIX	4.00E-9	130	380	10,3	1.170	900	900	1.060	1.170
	6.00-9	E3	4.00E-9	139	522	25,3	1.885	1.450	1.450	1.710	1.885
	6.00-9	E3 FIX	4.00E-9	139	522	25,6	1.885	1.450	1.450	1.710	1.885
	21x8-9 (200/75-9)	E3	6.00E-9	182	520	33,2	2.755	2.120	2.120	2.500	2.755
	21x8-9 (200/75-9)	E3 FIX	6.00E-9	182	520	33,6	2.755	2.120	2.120	2.500	2.755
10"	6.50-10	E3	5.00F-10	163	570	35,5	2.340	1.800	1.800	2.125	2.340
	6.50-10	E3 FIX	5.00F-10	163	570	35,7	2.340	1.800	1.800	2.125	2.340
	6.50-10	E3	5.50F-10	163	570	35,0	2.570	1.975	1.975	2.335	2.570
	7.50-10	E3	5.50F-10	176	636	49,8	3.070	2.360	2.360	2.785	3.070
	200/50-10	E3	6.50F-10	193	457	24,0	2.470	1.900	1.900	2.240	2.470
	200/50-10	E3 FIX	6.50F-10	193	457	24,8	2.470	1.900	1.900	2.240	2.470
	23x9-10 (225/75-10)	E3	6.50F-10	194	578	44,1	3.445	2.650	2.650	3.125	3.445
	23x9-10 (225/75-10)	E3 FIX	6.50F-10	194	578	44,5	3.445	2.650	2.650	3.125	3.445
12"	7.00-12	E3	5.00S-12	168	649	45,9	2.920	2.240	2.240	2.645	2.920
	7.00-12	E3 FIX	5.00S-12	168	649	46,6	2.920	2.240	2.240	2.645	2.920
	23x10-12 (250/60-12)	E3	8.00G-12	227	580	47,4	3.770	2.900	2.900	3.420	3.770
	23x10-12 (250/60-12)	E3 FIX	8.00G-12	227	580	47,8	3.770	2.900	2.900	3.420	3.770
	27x10-12 (250/75-12)	E3	8.00G-12	237	669	69,6	3.900	3.000	3.000	3.540	3.900
	27x10-12 (250/75-12)	E3 FIX	8.00G-12	237	669	70,4	3.900	3.000	3.000	3.540	3.900
	315/45-12	E3	10.00G-12	285	574	55,9	4.485	3.450	3.450	4.070	4.485
	315/45-12	E3 FIX	10.00G-12	285	574	56,7	4.485	3.450	3.450	4.070	4.485
13"	23x5-13	E3	3.75P-13	138	612	32,0	1.495	1.150	1.150	1.360	1.495
	23x5-13	E3 FIX	3.75P-13	138	612	32,8	1.495	1.150	1.150	1.360	1.495

(1) Sizes are intended for tyres not fitted on rims;
(2) Capacity values indicated are in reference to ELTOR tyres mounted on vehicles whose speed with no cargo is less than 25 km/h (according to E.I.R.T.O. standards);
(3) Only for interior courses inferior to 2.000 metres; if otherwise, contact dealer (according to E.I.R.T.O. standards).

SUPER-ELASTIC

ELTOR® E3

PREMIUM

Ø	TYRE SIZE (inches)	PROFILE	RIM SIZE	TYRE DIMENSIONS (1)		WEIGHT (kg) ± 2%	LOAD CAPACITY (KG) AT MAX SPEED (KM/H) (2)				
				W (mm) ± 2%	D (mm) ± 2%		CARRYING WHEEL 25 km/h	STEERING WHEEL 25 km/h	TRAILERS (3)		
									25 km/h	10 km/h	6 km/h
15"	7.00-15	E3	5.5-15	178	723	55,7	3.545	2.725	2.725	3.215	3.545
	7.00-15	E3 FIX	5.5-15	178	723	56,2	3.545	2.725	2.725	3.215	3.545
	7.00-15	E3	6.0-15	178	723	57,0	3.545	2.725	2.725	3.215	3.545
	7.50-15	E3	5.5-15	205	750	67,4	3.900	3.000	3.000	3.540	3.900
	7.50-15	E3 FIX	5.5-15	205	750	68,5	3.900	3.000	3.000	3.540	3.900
	7.50-15	E3	6.0-15	205	750	69,6	3.900	3.000	3.000	3.540	3.900
	7.50-15	E3 FIX	6.0-15	205	750	70,0	3.900	3.000	3.000	3.540	3.900
	7.50-15	E3	6.5-15	205	750	70,2	3.900	3.000	3.000	3.540	3.900
	7.50-15	E3 FIX	6.5-15	205	750	71,7	3.900	3.000	3.000	3.540	3.900
	200-15	E3	6.5-15	204	710	60,0	3.160	2.430	2.430	2.865	3.160
	200-15	E3 FIX	6.5-15	204	710	60,5	3.160	2.430	2.430	2.865	3.160
	8.25-15	E3	6.5-15	209	812	87,2	4.750	3.650	3.650	4.300	4.750
	8.25-15	E3 FIX	6.5-15	209	812	88,3	4.750	3.650	3.650	4.300	4.750
	28x9-15 (225/75-15)	E3	7.0-15	217	693	59,6	3.445	2.650	2.650	3.125	3.445
	28x9-15 (225/75-15)	E3 FIX	7.0-15	217	693	60,7	3.445	2.650	2.650	3.125	3.445
	250-15 (250/70-15)	E3	7.0-15	217	715	66,5	4.745	3.650	3.650	4.310	4.745
	250-15 (250/70-15)	E3 FIX	7.0-15	217	715	67,3	4.745	3.650	3.650	4.310	4.745
	250-15 (250/70-15)	E3	7.5-15	217	715	66,6	4.745	3.650	3.650	4.310	4.745
	250-15 (250/70-15)	E3 FIX	7.5-15	217	715	67,8	4.745	3.650	3.650	4.310	4.745
	300-15 (315/70-15)	E3	8.0-15	258	816	109,2	5.850	4.500	4.500	5.310	5.850
	300-15 (315/70-15)	E3 FIX	8.0-15	258	816	110,0	5.850	4.500	4.500	5.310	5.850
	28x12½-15 (355/45-15)	E3	9.75-15	285	711	88,5	5.690	4.375	4.375	5.165	5.690
	28x12½-15 (355/45-15)	E3 FIX	9.75-15	285	711	89,6	5.690	4.375	4.375	5.165	5.690
	355/65-15 (350-15)	E3	9.75-15	300	816	130,3	7.800	6.000	5.450	6.430	7.085
	355/65-15 (350-15)	E3 FIX	9.75-15	300	816	131,7	7.800	6.000	5.450	6.430	7.085
	400/60-15	E3	11.0-15	332	817	145,6	8.970	6.900	6.900	8.140	8.970
	400/60-15	E3 FIX	11.0-15	332	817	147,0	8.970	6.900	6.900	8.140	8.970
	20"	7.50-20	E3	6.0T-20	211	880	88,4	3.900	3.250	3.250	3.545
7.50-20		E3	7.0-20	211	880	90,0	4.020	3.350	3.350	3.650	4.020
8.25-20		E3	6.0T-20	206	941	107,8	4.380	3.650	3.650	3.980	4.380
8.25-20		E3	6.5-20	206	941	109,0	4.380	3.650	3.650	3.980	4.380
8.25-20		E3	7.0-20	206	941	110,0	4.380	3.650	3.650	3.980	4.380
9.00-20		E3	6.5-20	241	989	143,6	5.400	4.500	4.500	4.905	5.400
9.00-20		E3	7.0-20	241	989	149,2	5.400	4.500	4.500	4.905	5.400
10.00-20		E3	7.0-20	258	1.011	163,5	6.000	5.000	5.000	5.450	6.000
10.00-20		E3	7.5-20	258	1.011	165,6	6.000	5.000	5.000	5.450	6.000
10.00-20		E3	8.0-20	258	1.011	166,7	6.000	5.000	5.000	5.450	6.000
11.00-20		E3	8.0-20	261	1.086	200,5	6.540	5.450	5.450	5.940	6.540
12.00-20		E3	8.0-20	267	1.099	211,0	7.560	6.300	6.300	6.865	7.560
12.00-20		E3	8.5-20	267	1.099	218,0	7.560	6.300	6.300	6.865	7.560
12.00-20		E3	10.0-20	303	1.099	255,0	7.800	6.500	6.500	7.085	7.800
24"		12.00-24	E3	8.5-24	281	1.183	239,0	8.040	6.700	6.700	7.305
	14.00-24	E3	10.0-24	353	1.300	387,0	11.100	9.250	9.250	10.085	11.100

ELTOR® EL

ELTOR® EL NO MARKING



PREMIUM

AS
antistatic

NM
no marking

- Smooth tread suitable for dry floors.
- Excellent comfort thanks to low rolling noise.
- Greater protection against damage.

Ø	TYRE SIZE (inches)	PROFILE	RIM SIZE	TYRE		WEIGHT (kg)	LOAD CAPACITY (KG) AT MAX SPEED (KM/H) (2)				
				DIMENSIONS (1)			CARRYING WHEEL	STEERING WHEEL	TRAILERS (3)		
				W (mm)	D (mm)				25 km/h	10 km/h	6 km/h
				± 2%	± 2%	± 2%	25 km/h	25 km/h	25 km/h	10 km/h	6 km/h
8"	15x4½-8 (125/75-8)	EL	3.00D-8	108	377	9,7	1.040	800	800	945	1.040
	15x4½-8 (125/75-8)	EL FIX	3.00D-8	108	377	9,9	1.040	800	800	945	1.040
	5.00-8	EL	3.00D-8	124	454	15,7	1.415	1.090	1.090	1.285	1.415
	17x7-8	EL	4.33R-8	156	430	18,0	1.800	1.380	1.380	1.640	1.800
	18x7-8 (180/70-8)	EL	4.33R-8	147	448	21,0	2.145	1.650	1.650	1.945	2.145
9"	6.00-9	EL	4.00E-9	144	523	26,4	1.885	1.450	1.450	1.710	1.885
	6.00-9	EL FIX	4.00E-9	144	523	30,0	1.885	1.450	1.450	1.710	1.885
10"	6.50-10	EL	5.00F-10	163	570	36,5	2.340	1.800	1.800	2.125	2.340
12"	7.00-12	EL	5.00S-12	168	649	47,3	2.920	2.240	2.240	2.645	2.920
	7.00-12	EL FIX	5.00S-12	168	649	48,1	2.920	2.240	2.240	2.645	2.920
15"	7.00-15	EL	5.5-15	178	723	57,4	3.545	2.725	2.725	3.215	3.545
	7.00-15	EL FIX	5.5-15	178	723	57,9	3.545	2.725	2.725	3.215	3.545
	8.25-15	EL	6.5-15	208	813	88,5	4.750	3.650	3.650	4.300	4.750
	300-15 (315/70-15)	EL	8.0-15	258	816	120,0	5.850	4.500	4.500	5.310	5.850
	300-15 (315/70-15)	EL FIX	8.0-15	258	816	120,9	5.850	4.500	4.500	5.310	5.850
20"	355/50-20	EL	10.0-20	320	845	122,0	8.970	6.900	6.900	8.140	8.970
	355/50-20	EL FIX	10.0-20	320	845	124,5	8.970	6.900	6.900	8.140	8.970
	12.00-20	EL	8.0-20	263	1.102	215,2	7.560	6.300	6.300	6.865	7.560
	12.00-20	EL	8.5-20	267	1.102	220,0	7.560	6.300	6.300	6.865	7.560
	12.00-20	EL	10.0-20	312	1.102	262,0	7.800	6.500	6.500	7.085	7.800
24"	12.00-24	EL	8.5-24	292	1.180	256,0	8.040	6.700	6.700	7.305	8.040
	12.00-24	EL	10.0-24	292	1.180	260,5	9.000	7.500	7.100	7.750	8.500

ELTOR® ER

ELTOR® ER NO MARKING



PREMIUM

AS
antistatic

NM
no marking

- Tread pattern with circumferential ribbing.
- Suitable for small vehicles, both motorised and unpowered.
- Very useful in situations where vibrations need to be avoided and friction minimised.

Ø	TYRE SIZE (inches)	PROFILE	RIM SIZE	TYRE		WEIGHT (kg) ± 2%	LOAD CAPACITY (KG) AT MAX SPEED (KM/H) ⁽²⁾					
				DIMENSIONS ⁽¹⁾			CARRYING WHEEL 25 km/h	STEERING WHEEL 25 km/h	TRAILERS ⁽³⁾			
				W (mm) ± 2%	D (mm) ± 2%				25 km/h	10 km/h	6 km/h	
4"	3.00-4	ER	2.10-4	86	253	3,8	260	195	195	235	260	
	4.00-4	ER	2.50C-4	102	303	6,8	535	412	412	485	535	
8"	4.00-8	NEW	ER	3.75L-8	100	403	10,3	950	730	730	860	950
	15x4½-8 (125/75-8)		ER	2.50D-8	103	375	8,8	1.040	800	800	945	1.040
	15x4½-8 (125/75-8)		ER	3.00D-8	103	375	9,0	1.040	800	800	945	1.040
	15x4½-8 (125/75-8)		ER FIX	3.00D-8	103	375	9,3	1.040	800	800	945	1.040
	140/55-9		ER	4.00E-9	130	380	10,0	1.170	900	900	1.060	1.170
9"	140/55-9		ER FIX	4.00E-9	130	380	10,3	1.170	900	900	1.060	1.170

(1) Sizes are intended for tyres not fitted on rims;
(2) Capacity values indicated are in reference to ELTOR tyres mounted on vehicles whose speed with no cargo is less than 25 km/h (according to E.T.R.T.O. standards);
(3) Only for interior courses inferior to 2.000 metres; if otherwise, contact dealer (according to E.T.R.T.O. standards).

ELTOR® ES

ELTOR® ES NO MARKING

PREMIUM



AS
antistatic



NM
no marking

- Grooved tread.
- Created exclusively for size 3.00-4.
- Particularly efficient on wet and damp surfaces thanks to excellent grip and directional hold, even on slippery surfaces such as ceramic tiles wet by liquid detergents.

Ø	TYRE SIZE (inches)	PROFILE	RIM SIZE	TYRE DIMENSIONS (1)		WEIGHT (kg)	LOAD CAPACITY (KG) AT MAX SPEED (KM/H) (2)				
				W (mm) ± 2%	D (mm) ± 2%		CARRYING WHEEL 25 km/h	STEERING WHEEL 25 km/h	TRAILERS (3)		
4"	3.00-4	ES	2.10-4	85	248	3,6	260	195	195	235	260

(1) Sizes are intended for tyres not fitted on rims;
(2) Capacity values indicated are in reference to ELTOR tyres mounted on vehicles whose speed with no cargo is less than 25 km/h (according to E.T.R.T.O. standards);
(3) Only for interior courses inferior to 2.000 metres; if otherwise, contact dealer (according to E.T.R.T.O. standards).

FORZA F1

FORZA F1 NO MARKING

QUALITY



NM
no marking

- The quality alternative for normal requirements and standard applications.
- Good traction.
- Low rolling resistance.
- High reliability.

QUALITY

Ø	TYRE SIZE (inches)	PROFILE	RIM SIZE	TYRE DIMENSIONS (1)		WEIGHT (kg) ± 2%	LOAD CAPACITY (KG) AT MAX SPEED (KM/H) (2)					
				W (mm) ± 2%	D (mm) ± 2%		CARRYING WHEEL 25 km/h	STEERING WHEEL 25 km/h	TRAILERS (3)			
									25 km/h	10 km/h	6 km/h	
4"	4.00-4	NEW	F1	2.50C-4	100	300	6,4	535	412	412	485	535
8"	4.00-8		F1	3.00D-8	100	403	10,5	950	730	730	860	950
	4.00-8		FIX F1	3.00D-8	100	403	10,8	950	730	730	860	950
	15x4½-8 (125/75-8)		F1	3.00D-8	108	372,5	9,0	1.040	800	800	945	1.040
	15x4½-8 (125/75-8)		FIX F1	3.00D-8	108	372,5	9,2	1.040	800	800	945	1.040
	15x4½-8 (125/75-8)	NEW	F1	3.25D-8	107	372,5	9,4	1.040	800	800	945	1.040
	5.00-8		F1	3.00D-8	119	451,4	15,4	1.415	1.090	1.090	1.285	1.415
	5.00-8		FIX F1	3.00D-8	119	451,4	15,8	1.415	1.090	1.090	1.285	1.415
	16x6-8 (150/75-8)		F1	4.33R-8	145	412,5	15,3	1.495	1.150	1.150	1.360	1.495
	16x6-8 (150/75-8)		FIX F1	4.33R-8	145	412,5	15,5	1.495	1.150	1.150	1.360	1.495
	18x7-8 (180/70-8)		F1	4.33R-8	149	450,2	18,9	2.145	1.650	1.650	1.945	2.145
	18x7-8 (180/70-8)		FIX F1	4.33R-8	149	450,2	19,1	2.145	1.650	1.650	1.945	2.145
	9"	140/55-9		F1	4.00E-9	130	380	9,7	1.170	900	900	1.060
140/55-9			FIX F1	4.00E-9	130	380	10,0	1.170	900	900	1.060	1.170
6.00-9			F1	4.00E-9	135	527	24,2	1.885	1.450	1.450	1.710	1.885
6.00-9			FIX F1	4.00E-9	135	527	24,4	1.885	1.450	1.450	1.710	1.885
21x8-9 (200/75-9)			F1	6.00E-9	175	521	31,9	2.755	2.120	2.120	2.500	2.755
21x8-9 (200/75-9)			FIX F1	6.00E-9	175	521	32,4	2.755	2.120	2.120	2.500	2.755
10"	6.50-10		F1	5.00F-10	160	572	33,5	2.340	1.800	1.800	2.125	2.340
	6.50-10		FIX F1	5.00F-10	160	572	33,8	2.340	1.800	1.800	2.125	2.340
	200/50-10		F1	6.50F-10	185	455	23,5	2.470	1.900	1.900	2.240	2.470
	200/50-10		FIX F1	6.50F-10	185	455	23,4	2.470	1.900	1.900	2.240	2.470
	23x9-10 (225/75-10)		F1	6.50F-10	192	579	43,3	3.445	2.650	2.650	3.125	3.445
	23x9-10 (225/75-10)		FIX F1	6.50F-10	192	579	43,5	3.445	2.650	2.650	3.125	3.445
12"	7.00-12		F1	5.00S-12	168	653	45,3	2.920	2.240	2.240	2.645	2.920
	7.00-12		FIX F1	5.00S-12	168	653	45,8	2.920	2.240	2.240	2.645	2.920
	23x10-12 (250/60-12)		F1	8.00G-12	227	579	46,3	3.770	2.900	2.900	3.420	3.770
	23x10-12 (250/60-12)		FIX F1	8.00G-12	227	579	46,8	3.770	2.900	2.900	3.420	3.770
	27x10-12 (250/75-12)		F1	8.00G-12	227	672	68,2	3.900	3.000	3.000	3.540	3.900
	27x10-12 (250/75-12)		FIX F1	8.00G-12	227	672	68,9	3.900	3.000	3.000	3.540	3.900
	315/45-12	NEW	F1	10.00G-12	275	574	56,0	4.485	3.450	3.450	4.070	4.485
	315/45-12	NEW	F1 FIX	10.00G-12	275	574	56,5	4.485	3.450	3.450	4.070	4.485
15"	7.00-15	NEW	F1	5.5-15	170	723	56,3	3.445	2.725	2.725	3.215	3.545
	7.00-15	NEW	F1 FIX	5.5-15	170	723	56,8	3.445	2.725	2.725	3.215	3.545
	7.00-15	NEW	F1	6.0-15	170	723	56,5	3.445	2.725	2.725	3.215	3.545
	7.00-15	NEW	F1 FIX	6.0-15	170	723	57,0	3.445	2.725	2.725	3.215	3.545
	8.25-15		F1	6.5-15	205	814	84,6	4.750	3.650	3.650	4.300	4.750
	8.25-15		FIX F1	6.5-15	205	814	85,5	4.750	3.650	3.650	4.300	4.750
	28x9-15 (225/75-15)		F1	7.0-15	207	689	55,9	3.445	2.650	2.650	3.125	3.445
	28x9-15 (225/75-15)		FIX F1	7.0-15	207	689	57,0	3.445	2.650	2.650	3.125	3.445
	250-15 (250/70-15)		F1	7.0-15	207	715	62,9	4.745	3.650	3.650	4.310	4.745
	250-15 (250/70-15)		FIX F1	7.0-15	207	715	63,5	4.745	3.650	3.650	4.310	4.745
	250-15 (250/70-15)		F1	7.5-15	207	715	63,0	4.745	3.650	3.650	4.310	4.745
	250-15 (250/70-15)		FIX F1	7.5-15	207	715	63,6	4.745	3.650	3.650	4.310	4.745
	300-15 (315/70-15)		F1	8.0-15	251	816	104,2	5.850	4.500	4.500	5.310	5.850
	300-15 (315/70-15)		FIX F1	8.0-15	251	816	105,1	5.850	4.500	4.500	5.310	5.850
	28x12½-15 (355/45-15)		F1	9.75-15	275	706	84,0	5.690	4.375	4.375	5.165	5.690
	28x12½-15 (355/45-15)		FIX F1	9.75-15	275	706	85,0	5.690	4.375	4.375	5.165	5.690
	355/65-15 (350-15)		F1	9.75-15	297	816	124,9	7.800	6.000	5.450	6.430	7.085
	355/65-15 (350-15)		FIX F1	9.75-15	297	816	125,8	7.800	6.000	5.450	6.430	7.085

(1) Sizes are intended for tyres not fitted on rims;
(2) Capacity values indicated are in reference to EUTOR tyres mounted on vehicles whose speed with no cargo is less than 25 km/h (according to E.T.R.T.O. standards);
(3) Only for interior courses inferior to 2.000 metres; if otherwise, contact dealer (according to E.T.R.T.O. standards).

QUALITY

Ø	TYRE SIZE (inches)	PROFILE	RIM SIZE	TYRE		WEIGHT (kg)	LOAD CAPACITY (KG) AT MAX SPEED (KM/H) ⁽²⁾					
				DIMENSIONS ⁽¹⁾			CARRYING WHEEL 25 km/h	STEERING WHEEL 25 km/h	TRAILERS ⁽³⁾			
				W (mm) ± 2%	D (mm) ± 2%				25 km/h	10 km/h	6 km/h	
20"	9.00-20	NEW	F1	6.5-20	232	991	133,3	5.400	4.500	4.500	4.905	5.400
	9.00-20	NEW	F1	7.0-20	232	991	138,5	5.400	4.500	4.500	4.905	5.400
	10.00-20		F1	7.0-20	230	1.018	151,7	6.000	5.000	5.000	5.450	6.000
	10.00-20		F1	7.5-20	230	1.018	155,0	6.000	5.000	5.000	5.450	6.000
	10.00-20		F1	8.0-20	230	1.018	158,5	6.000	5.000	5.000	5.450	6.000
	12.00-20		F1	8.0-20	230	1.110	193,0	7.560	6.300	6.300	6.865	7.560
	12.00-20		F1	8.5-20	230	1.110	199,0	7.560	6.300	6.300	6.865	7.560

JUMBO J2

JUMBO J2 NO MARKING



NM
no marking

- Excellent quality/price ratio.
- Structure optimised for light applications.
- Good driving comfort.

(1) Sizes are intended for tyres not fitted on rims;
(2) Capacity values indicated are in reference to ELTOR tyres mounted on vehicles whose speed with no cargo is less than 25 km/h (according to E.T.R.T.O. standards);
(3) Only for interior courses inferior to 2,000 metres; if otherwise, contact dealer (according to E.T.R.T.O. standards).



Ø	TYRE SIZE (inches)	PROFILE	RIM SIZE	TYRE DIMENSIONS (1)		WEIGHT (kg) ± 2%	LOAD CAPACITY (KG) AT MAX SPEED (KM/H) (2)				
				W (mm) ± 2%	D (mm) ± 2%		CARRYING WHEEL 25 km/h	STEERING WHEEL 25 km/h	TRAILERS (3)		
									25 km/h	10 km/h	6 km/h
4"	4.00-4	J2	2.50C-4	99	303	6,5	535	412	412	485	535
8"	12x3,5-8	JL	3.00D-8	99	305	4,8	780	600	600	700	780
	4.00-8	J2	3.00D-8	100,5	400	10,1	950	730	730	860	950
	4.00-8	J2 BLOCK	3.00D-8	100,5	400	10,2	950	730	730	860	950
	15x4,5-8 (125/75-8)	J2	3.00D-8	109	373	8,6	1.040	800	800	945	1.040
	15x4,5-8 (125/75-8)	J2 BLOCK	3.00D-8	109	373	8,9	1.040	800	800	945	1.040
	15x4,5-8 (125/75-8)	JL	3.25D-8	109	373	9,1	1.040	800	800	945	1.040
	5.00-8	J2	3.00D-8	120	454	16,0	1.415	1.090	1.090	1.285	1.415
	5.00-8	J2 BLOCK	3.00D-8	120	454	16,3	1.415	1.090	1.090	1.285	1.415
	16x6-8 (150/75-8)	J2	4.33R-8	151	414	15,5	1.495	1.150	1.150	1.360	1.495
	16x6-8 (150/75-8)	J2 BLOCK	4.33R-8	151	414	15,8	1.495	1.150	1.150	1.360	1.495
17x7-8	JL	4.33R-8	155,6	431,4	18,4	1.800	1.380	1.380	1.640	1.800	
18x7-8 (180/70-8)	J2	4.33R-8	147	448	19,5	2.145	1.650	1.650	1.945	2.145	
18x7-8 (180/70-8)	J2 BLOCK	4.33R-8	147	448	19,6	2.145	1.650	1.650	1.945	2.145	
9"	140/55-9	J2	4.00E-9	123	380,3	10,0	1.170	900	900	1.060	1.170
	140/55-9	J2 BLOCK	4.00E-9	123	380,3	10,4	1.170	900	900	1.060	1.170
	6.00-9	J2	4.00E-9	142	523	25,0	1.885	1.450	1.450	1.710	1.885
	6.00-9	J2 BLOCK	4.00E-9	142	523	25,4	1.885	1.450	1.450	1.710	1.885
	21x8-9 (200/75-9)	J2	6.00E-9	185	519	32,0	2.755	2.120	2.120	2.500	2.755
	21x8-9 (200/75-9)	J2 BLOCK	6.00E-9	185	519	32,4	2.755	2.120	2.120	2.500	2.755
10"	6.50-10	J2	5.00F-10	165	569	34,6	2.340	1.800	1.800	2.125	2.340
	6.50-10	J2 BLOCK	5.00F-10	165	569	35,0	2.340	1.800	1.800	2.125	2.340
	7.50-10	J2	5.50F-10	178	639	49,3	3.070	2.360	2.360	2.785	3.070
	7.50-10	J2 BLOCK	5.50F-10	178	639	49,8	3.070	2.360	2.360	2.785	3.070
	200/50-10	J2	6.50F-10	179,5	458,4	23,3	2.470	1.900	1.900	2.240	2.470
	200/50-10	J2 BLOCK	6.50F-10	179,5	458,4	24,1	2.470	1.900	1.900	2.240	2.470
	23x9-10 (225/75-10)	J2	6.50F-10	197	576	42,5	3.445	2.650	2.650	3.125	3.445
23x9-10 (225/75-10)	J2 BLOCK	6.50F-10	197	576	42,9	3.445	2.650	2.650	3.125	3.445	
12"	7.00-12	J2	5.00S-12	169	649	45,6	2.920	2.240	2.240	2.645	2.920
	7.00-12	J2 BLOCK	5.00S-12	169	649	46,0	2.920	2.240	2.240	2.645	2.920
	23x10-12 (250/60-12)	J2	8.00G-12	228	578	46,1	3.770	2.900	2.900	3.420	3.770
	23x10-12 (250/60-12)	J2 BLOCK	8.00G-12	228	578	46,7	3.770	2.900	2.900	3.420	3.770
	27x10-12 (250/75-12)	J2	8.00G-12	234	667	67,5	3.900	3.000	3.000	3.540	3.900
	27x10-12 (250/75-12)	J2 BLOCK	8.00G-12	234	667	68,4	3.900	3.000	3.000	3.540	3.900
15"	7.00-15	J2	5.5-15	178	723	55,7	3.545	2.725	2.725	3.215	3.545
	7.00-15	J2 BLOCK	5.5-15	178	723	56,2	3.545	2.725	2.725	3.215	3.545
	7.50-15	NEW J2	5.5-15	205,5	752	72,6	3.900	3.000	3.000	3.540	3.900
	7.50-15	NEW J2 BLOCK	5.5-15	205,5	752	72,8	3.900	3.000	3.000	3.540	3.900
	7.50-15	J2	6.0-15	205,5	752	73,0	3.900	3.000	3.000	3.540	3.900
	7.50-15	J2 BLOCK	6.0-15	205,5	752	73,5	3.900	3.000	3.000	3.540	3.900
	7.50-15	J2	6.5-15	205,5	752	73,4	3.900	3.000	3.000	3.540	3.900
	7.50-15	J2 BLOCK	6.5-15	205,5	752	73,6	3.900	3.000	3.000	3.540	3.900
	8.25-15	J2	6.5-15	209,4	818	90,0	4.750	3.650	3.650	4.300	4.750
	8.25-15	J2 BLOCK	6.5-15	209,4	818	90,8	4.750	3.650	3.650	4.300	4.750
	28x9-15 (225/75-15)	J2	7.0-15	213,5	700	60,7	3.445	2.650	2.650	3.125	3.445
	28x9-15 (225/75-15)	J2 BLOCK	7.0-15	213,5	700	61,9	3.445	2.650	2.650	3.125	3.445
	250-15 (250/70-15)	J2	7.0-15	217,5	715	67,6	4.745	3.650	3.650	4.310	4.745
	250-15 (250/70-15)	J2 BLOCK	7.0-15	217,5	715	68,1	4.745	3.650	3.650	4.310	4.745
	300-15 (315/70-15)	J2	8.0-15	262,1	828	113,0	5.850	4.500	4.500	5.310	5.850
	300-15 (315/70-15)	J2 BLOCK	8.0-15	262,1	828	113,6	5.850	4.500	4.500	5.310	5.850
	28x12½-15 (355/45-15) NEW	J2	9.75-15	275	706	85,0	5.690	4.375	4.375	5.165	5.690
	28x12½-15 (355/45-15) NEW	J2 BLOCK	9.75-15	275	706	86,0	5.690	4.375	4.375	5.165	5.690
	355/65-15 (350-15)	J2	9.75-15	308,1	828	135,0	7.800	6.000	5.450	6.430	7.085
	355/65-15 (350-15)	J2 BLOCK	9.75-15	308,1	828	135,4	7.800	6.000	5.450	6.430	7.085
20"	10.00-20	J2	7.0-20	237	1.017	147,0	6.000	5.000	5.000	5.450	6.000
	10.00-20	J2	7.5-20	237	1.017	148,1	6.000	5.000	5.000	5.450	6.000
	10.00-20	J2	8.0-20	237	1.017	149,2	6.000	5.000	5.000	5.450	6.000

ATHLETIK® A1



- Deep tread for improved traction.
- Reduced downtime by eliminating punctures.
- Improved stability.

TYRE SIZE (inches)	PROFILE	RIM SIZE	TYRE DIMENSIONS (1)		WEIGHT (kg)	LOAD CAPACITY (KG) AT MAX SPEED (KM/H) (2)				
						CARRYING WHEEL		STEERING WHEEL		
			W (mm) ± 2%	D (mm) ± 2%		25 km/h	25 km/h	25 km/h	10 km/h	6 km/h
10.00-20	NEW	A1	7.0-20	234 1.011	138,8	6.000	5.000	5.000	5.450	6.000
10.00-20	NEW	A1	7.5-20	234 1.011	140,5	6.000	5.000	5.000	5.450	6.000
10.00-20	NEW	A1	8.0-20	234 1.011	141,5	6.000	5.000	5.000	5.450	6.000
12.00-20	NEW	A1	8.0-20	257 1.090	189,8	7.560	6.300	6.300	6.885	7.560
12.00-20	NEW	A1	8.5-20	257 1.090	196,0	7.560	6.300	6.300	6.885	7.560
12.00-20	NEW	A1	10.0-20	293 1.090	229,3	7.800	6.500	6.500	7.085	7.800

(1) Sizes are intended for tyres not fitted on rims;
(2) Capacity values indicated are in reference to ELTOR tyres mounted on vehicles whose speed with no cargo is less than 25 km/h (according to E.T.R.T.O. standards);
(3) Only for interior courses inferior to 2.000 metres; if otherwise, contact dealer (according to E.T.R.T.O. standards).

SKS



SKS NO MARKING



- Resilient compound with apertures for operational comfort.
- Reduced downtime by eliminating punctures.
- Excellent traction.

TYRE SIZE (inches)	PROFILE	RIM SIZE	TYRE DIMENSIONS (1)		WEIGHT (kg)	LOAD CAPACITY (KG) AT MAX SPEED (KM/H) (2)				
						CARRYING WHEEL		STEERING WHEEL		
			W (mm) ± 2%	D (mm) ± 2%		25 km/h	25 km/h	25 km/h	10 km/h	6 km/h
10x16.5 (31x10-20)	NEW	SKS FIX left	7.5-20	237 781	66,2	4.030	3.100	3.100	3.660	4.030
10x16.5 (31x10-20)	NEW	SKS FIX right	7.5-20	237 781	66,2	4.030	3.100	3.100	3.660	4.030
12x16.5 (33x12-20)	NEW	SKS FIX left	7.5-20	287 831	92,5	5.200	4.000	4.000	4.720	5.200
12x16.5 (33x12-20)	NEW	SKS FIX right	7.5-20	287 831	92,5	5.200	4.000	4.000	4.720	5.200

BS

BS NO MARKING

BSC

BSC NO MARKING

BL

BL NO MARKING



HL
high capacity



AS
antistatic



NM
no marking

The press-on-band tyres by MARANGONI INDUSTRIAL TYRES are characterized by low rolling resistance, high heat dissipation capacity and excellent stability. The structure is characterized by the use of specialist compounds, so as to increase comfort.

BS

- Tread offering the best balance between stability and traction.

BSC

- Tread with optimal traction and minimal deformation during the transport of loads.

BL

- Smooth tread with wider footprint for maximum stability and no vibrations.

BS

BSC

BL

PRESS ON BAND

CUSHION MARANGONI

PREMIUM

TYRE SIZE D W do (inches)	PROFILE	TYRE SIZE D W do (mm)	WEIGHT (kg)	LOAD CAPACITY (KG) FOR VEHICLES AT THE MAX SPEEDS OF						LOAD CAPACITY FOR VEHICLES	
				10 km/h		16 km/h		25 km/h		MANUAL TRACTION	MAX SPEED (16 km/h)
-	BL	200x90x120	5,0	-	-	-	-	-	-	725	435
-	BL	250x90x150	5,0	-	-	-	-	-	-	870	525
10X4X6½	BL	254X102X165,1 NEW	9,0	780	640	695	585	565	465	-	555
10x5x6½	BL	254x127x165,1	11,0	1.015	835	905	765	735	605	-	725
10½x3½x6½	BL	267x89x165,1	9,0	-	-	-	-	-	-	900	540
10½x5x6½	BS	267x127x165,1	11,0	1.080	885	965	810	785	645	-	770
-	BSC	300x100x203,2	7,0	870	715	775	655	635	520	-	620
12x3½x8	BL	305x89x203,2	7,0	-	-	-	-	-	-	995	595
12x4½x8	BL	305x114x203,2	9,0	1.045	855	935	785	760	625	-	745
13x4½x8	BS	330x114x203,2	9,0	1.120	920	1.000	840	815	665	-	800
13x5x8	BSC	330x127x203,2	10,0	1.290	1.060	1.155	970	935	770	-	925
13x6x8	BS	330x152x203,2	13,0	1.620	1.330	1.445	1.215	1.175	965	-	1.155
14x4½x8	BL	356X114X203,2 NEW	11,0	1.165	960	1.045	875	845	695	-	835
14x4½x8	BSC	356x114x203,2	11,0	1.165	960	1.045	875	845	695	-	835
14x5x10	BL	356X127X254 NEW	14,0	1.335	1.095	1.195	1.000	970	795	-	-
15½x5x10	BSC	394x127x254	16,0	1.475	1.210	1.315	1.105	1.070	880	-	1.055
15½x6x10	BSC	394x152x254	18,0	1.865	1.535	1.665	1.400	1.355	1.110	-	1.335
16x5x10 ½	BL	406X127X266,7 NEW	15,0	1.510	1.240	1.345	1.130	1.095	900	-	1.080
16x5x10½	BS	406x127x266,7	15,0	1.510	1.240	1.345	1.130	1.095	900	-	1.080
16x6x10 ½	BL	406X152X266,7 NEW	18,0	1.905	1.565	1.705	1.430	1.385	1.135	-	1.365
16x6x10½	BSC	406x152x266,7	18,0	1.905	1.565	1.705	1.430	1.385	1.135	-	1.365
15x5x11¼	BL	381x127x285,8	15,0	1.395	1.145	1.245	1.045	1.015	830	-	995
15x5x11¼	BSC	381x127x285,8	14,0	1.395	1.145	1.245	1.045	1.015	830	-	995
15x6x11¼	BL	381x152x285,8	14,0	1.720	1.415	1.535	1.290	1.250	1.025	-	1.230
16¼x5x11¼	BL	413X127X285,8 NEW	17,0	1.525	1.255	1.365	1.145	1.110	910	-	1.090
16¼x5x11¼	BSC	413x127x285,8	16,0	1.525	1.255	1.365	1.145	1.110	910	-	1.090
16¼X6X11¼	BL	413X152X285,8 NEW	18,0	1.915	1.575	1.710	1.435	1.395	1.140	-	1.370
16¼x6x11¼	BSC	413x152x285,8	19,0	1.915	1.575	1.710	1.435	1.395	1.140	-	1.370
16¼x7x11¼	BL	413X178X285,8 NEW	23,0	2.320	1.905	2.075	1.740	1.685	1.385	-	1.660
16¼x7x11¼	BSC	413x178x285,8	22,0	2.320	1.905	2.075	1.740	1.685	1.385	-	1.660
-	BL	405x130x305 NEW	15,0	1.510	1.240	1.350	1.135	1.095	900	-	1.080
-	BL	405x260x305 NEW	30,0	3.325	2.730	2.970	2.495	2.415	1.980	-	2.375
-	BL	415x100x305 NEW	14,0	1.115	915	1.000	835	810	665	-	795
-	BL	425x150x305 NEW	22,0	1.910	1.570	1.700	1.435	1.385	1.135	-	1.365
-	BL	425x260x305 NEW	32,0	3.325	2.730	2.970	2.495	2.415	1.980	-	2.375
-	BL	425x300x305 NEW	39,8	4.245	3.485	3.790	3.185	3.085	2.530	-	3.030
-	BL	450x300x305 NEW	49,7	4.245	3.485	3.790	3.185	3.085	2.530	-	3.030
16x4x12⅞	BL	406x102x308	11,0	1.120	920	1.000	840	815	670	-	800
17x4½x12⅞	BS	432x114x308	13,0	1.370	1.125	1.225	1.025	995	815	-	980
17x5x12⅞	BL	432X127X308 NEW	16,0	1.570	1.290	1.400	1.180	1.145	935	-	1.120
17x5x12⅞	BS	432x127x308	15,0	1.570	1.290	1.400	1.180	1.145	935	-	1.120
17x6x12⅞	BL	432X152X308 NEW	19,0	1.980	1.630	1.770	1.485	1.435	1.180	-	1.410
17x6x12⅞	BSC	432x152x308	18,0	1.980	1.630	1.770	1.485	1.435	1.180	-	1.410
18x5x12⅞	BL	457x127x308	19,0	1.640	1.350	1.470	1.230	1.195	980	-	1.170
18x6x12⅞	BL	457x152x308	23,0	2.100	1.720	1.870	1.575	1.525	1.250	-	1.500
18x6x12⅞	BSC	457x152x308	21,0	2.100	1.720	1.870	1.575	1.525	1.250	-	1.500
18x7x12⅞	BL	457X178X308 NEW	25,0	2.550	2.100	2.280	1.910	1.855	1.520	-	1.820
18x7x12⅞	BSC	457x178x308	24,0	2.550	2.100	2.280	1.910	1.855	1.520	-	1.820
18x8x12⅞	BL	457X203X308 NEW	29,0	3.000	2.475	2.680	2.255	2.180	1.790	-	2.150
18x8x12⅞	BSC	457x203x308	28,0	3.000	2.475	2.680	2.255	2.180	1.790	-	2.150

BS

BSC

BL

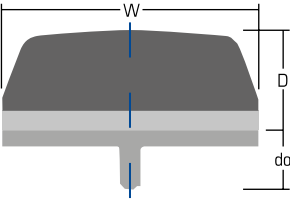
PRESS ON BAND

CUSHION MARANGONI

PREMIUM

TYRE SIZE D W do (inches)	PROFILE	TYRE SIZE D W do (mm)	WEIGHT (kg)	LOAD CAPACITY (KG) FOR VEHICLES AT THE MAX SPEEDS OF						LOAD CAPACITY FOR VEHICLES	
				10 km/h		16 km/h		25 km/h		MANUAL TRACTION	MAX SPEED (16 km/h)
18x9x12⅞	BS	457x229x308	32,0	3.450	2.850	3.090	2.600	2.510	2.060	-	2.475
19x8½x13⅞	BS	483x216x333,7	35,0	3.375	2.770	3.010	2.530	2.450	2.010	-	2.410
18x5⅞x14	BL	455x130x356	21,0	1.645	1.355	1.470	1.235	1.195	980	-	1.175
20x8x15	BL	508X203X381 NEW	-	-	-	-	-	-	-	-	-
21x7x15	BL	533X178X381 NEW	31,0	2.875	2.350	2.560	2.150	2.085	1.710	-	2.050
21x7x15	BSC	533x178x381	30,0	2.875	2.350	2.560	2.150	2.085	1.710	-	2.050
21X8X15	BL	533X203X381 NEW	39,0	3.375	2.775	3.025	2.540	2.455	2.015	-	2.425
21x8x15	BSC	533x203x381	38,0	3.375	2.775	3.025	2.540	2.455	2.015	-	2.425
21X9X15	BL	533X229X381 NEW	41,0	3.900	3.200	3.475	2.920	2.830	2.320	-	2.775
21x9x15	BSC	533x229x381	40,0	3.900	3.200	3.475	2.920	2.830	2.320	-	2.775
22x6x16	BL	559x152x406,4	31,0	2.450	2.000	2.180	1.830	1.770	1.450	-	1.740
22x7x16	BS	559x178x406,4	36,0	2.975	2.450	2.650	2.230	2.160	1.770	-	2.125
20X8X16	BL	508X203X406,4 NEW	35,5	3.010	2.470	2.685	2.255	2.185	1.790	-	-
22x8x16	BSC	559x203x406,4	37,0	3.500	2.875	3.130	2.625	2.545	2.085	-	2.500
22x8x16	BL	559x203x406,4	39,0	3.500	2.875	3.130	2.625	2.545	2.085	-	2.500
22x9x16	BSC	559x229x406,4	44,0	4.050	3.325	3.600	3.025	2.930	2.400	-	2.875
22x9x16	BL	559x229x406,4	47,0	4.050	3.325	3.600	3.025	2.930	2.400	-	2.875
22x10x16	BS	559x254x406,4	49,0	4.575	3.750	4.080	3.425	3.315	2.720	-	3.250
22x10x16	BL	559x254x406,4	52,0	4.575	3.750	4.080	3.425	3.315	2.720	-	3.250
22x12x16	BSC	559x305x406,4	58,0	5.625	4.625	5.030	4.225	4.090	3.350	-	4.025
22x12x16	BL	559x305x406,4	64,0	5.625	4.625	5.030	4.225	4.090	3.350	-	4.025
-	BL	550x100x455	18,0	1.370	1.125	1.225	1.025	995	815	-	980
-	BL	710x180x485	56,0	3.595	2.950	3.210	2.695	2.610	2.140	-	2.565
28x8x19	BL	710x200x485	63,0	4.180	3.435	3.735	3.135	3.035	2.490	-	2.985
-	BL	760x250x500 NEW	97,8	5.440	4.450	4.730	3.885	3.740	3.105	-	3.530
26x10x20	BSC	660x254x508	60,0	5.175	4.250	4.620	3.880	3.760	3.080	-	3.695
28x10x22	BL	711x254x559	72,0	5.470	4.490	4.880	4.100	3.970	3.255	-	3.905
28x10x22	BSC	711x254x559	68,0	5.470	4.490	4.880	4.100	3.970	3.255	-	3.905
28x12x22	BL	711x305x559	90,0	6.740	5.540	6.020	5.060	4.900	4.015	-	4.820
28x12x22	BS	711x305x559	93,0	6.740	5.540	6.020	5.060	4.900	4.015	-	4.820
28x14x22	BL	711x360x559	100,0	8.160	6.705	7.285	6.120	5.925	4.860	-	5.830
28x16x22	BL	711x406x559	120,0	9.270	7.620	8.280	6.950	6.730	5.520	-	6.620

D = External diameter W = Width do = Internal diameter



TR

TR NO MARKING GREY



SM

SM NO MARKING GREY



NMG
no marking grey

- Deep treaded traction tyre.
- Long lasting quality compound.
- Low rolling resistance.

TYRE SIZE D W do (inches)	PROFILE	TYRE SIZE D W do (mm)	WEIGHT (kg)	LOAD CAPACITY (KG) FOR VEHICLES AT THE MAX SPEEDS OF						LOAD CAPACITY FOR VEHICLES	
				10 km/h	16 km/h	25 km/h	10 km/h	16 km/h	25 km/h	MANUAL TRACTION	MAX SPEED (16 km/h)
10x4x6½	SM	254x102x165,1 NEW	5,8	780	640	695	585	565	465	-	555
10x5x6½	SM	254x127x165,1	7,2	1.015	835	905	765	735	605	-	725
10x5x6½	TR	254x127x165,1 NEW	7,0	1.015	835	905	765	735	605	-	725
12x4½x8	SM	305x114x203,2	9,0	1.045	855	935	785	760	625	-	745
14x4½x8	SM	356x114x203,2	11,3	1.165	960	1.045	875	845	695	-	835
14x5x10	SM	356x127x254	11,5	1.335	1.095	1.195	1.000	970	795	-	-
16x5x10½	SM	406x127x266,7	14,8	1.510	1.240	1.345	1.130	1.095	900	-	1.080
16x5x10½	TR	406x127x266,7 NEW	14,5	1.510	1.240	1.345	1.130	1.095	900	-	1.080
16x6x10½	SM	406x152x266,7	17,7	1.905	1.565	1.705	1.430	1.385	1.135	-	1.365
16x6x10½	TR	406x152x266,7 NEW	17,3	1.905	1.565	1.705	1.430	1.385	1.135	-	1.365
16x7x10½	SM	406x178x266,7	20,7	2.325	1.910	2.070	1.740	1.685	1.380	-	-
15x5x11¼	SM	381x127x285,8	12,1	1.395	1.145	1.245	1.045	1.015	830	-	995
15x6x11¼	SM	381x152x285,8	14,5	1.720	1.415	1.535	1.290	1.250	1.025	-	1.230

TYRE SIZE D W do (inches)	PROFILE	TYRE SIZE D W do (mm)	WEIGHT (kg)	LOAD CAPACITY (KG) FOR VEHICLES AT THE MAX SPEEDS OF						LOAD CAPACITY FOR VEHICLES	
				10 km/h	16 km/h	25 km/h	10 km/h	16 km/h	25 km/h	MANUAL TRACTION	MAX SPEED (16 km/h)
16¼x5x11¼	SM	413x127x285,8 NEW	14,0	1.525	1.255	1.365	1.145	1.110	910	-	1.090
16¼x6x11¼	SM	413x152x285,8	17,3	1.915	1.575	1.710	1.435	1.395	1.140	-	1.370
16¼x6x11¼	TR	413x152x285,8 NEW	17,0	1.915	1.575	1.710	1.435	1.395	1.140	-	1.370
16¼x7x11¼	SM	413x178x285,8	20,3	2.320	1.905	2.075	1.740	1.685	1.385	-	1.660
18x6x12½	SM	457x152x308	20,6	2.100	1.720	1.870	1.575	1.525	1.250	-	1.500
18x6x12½	TR	457x152x308	20,2	2.100	1.720	1.870	1.575	1.525	1.250	-	1.500
18x7x12½	SM	457x178x308	24,6	2.550	2.100	2.280	1.910	1.855	1.520	-	1.825
18x7x12½	TR	457x178x308 NEW	24,1	2.550	2.100	2.280	1.910	1.855	1.520	-	1.825
18x8x12½	SM	457x203x308	28,2	3.000	2.475	2.680	2.255	2.180	1.790	-	2.150
18x8x12½	TR	457x203x308 NEW	27,8	3.000	2.475	2.680	2.255	2.180	1.790	-	2.150
21x7x15	SM	533x178x381	30,1	2.875	2.350	2.560	2.150	2.085	1.710	-	2.050
21x7x15	TR	533x178x381	29,4	2.875	2.350	2.560	2.150	2.085	1.710	-	2.050
21x8x15	SM	533x203x381	34,6	3.375	2.775	3.025	2.540	2.455	2.015	-	2.425
21x8x15	TR	533x203x381	34,0	3.375	2.775	3.025	2.540	2.455	2.015	-	2.425
20x8x16	SM	508x203x406,4	34,0	3.010	2.470	2.685	2.255	2.185	1.790	-	-
22x8x16	SM	559x203x406,4	38,3	3.500	2.875	3.130	2.625	2.545	2.085	-	2.500
22x9x16	SM	559x229x406,4	40,2	4.050	3.325	3.600	3.025	2.930	2.400	-	2.895
22x9x16	TR	559x229x406,4 NEW	39,4	4.050	3.325	3.600	3.025	2.930	2.400	-	2.895
22x12x16	SM	559x305x406,4	54,0	5.625	4.625	5.030	4.225	4.090	3.350	-	4.025
22x12x16	TR	559x305x406,4 NEW	53,0	5.625	4.625	5.030	4.225	4.090	3.350	-	4.025
28x12x22	SM	711x305x559	74,6	6.740	5.540	6.020	5.060	4.900	4.015	-	4.820

SW



LT



- Deep tread.
- Good stability.
- Resistant to damage to sidewalls: Side Wall structure.
- Good traction.
- Good driving comfort.
- Complete SET*: Tyre + Tube + Flap

APPLICATIONS

- Forklifts.
- Small-sized industrial tractors.
- Indoor trailers.
- Airport vehicles.

* The conventional industrial tyres SW and LT are TT (Tube Type) models for which complete assembly of tube and flap is recommended.



TYRE SIZE	PROFILE	PR	TYPE	RIM WIDTH	INFLATION PRESSURE	OVERALL DIAMETER	OVERALL SECTION WIDTH	REFERENCE LOAD (kg)	STATIC LOAD CAPACITY ETRTO (kg)	SET WEIGHT
					ETRTO (bar)	(mm) ±2%	(mm) ±2%	25 km/h		(kg)
4.00-8* NEW	WL	6	TT	3.00D-8	4,25	420	110	600	905	4,5
5.00-8	SW	8	TT	3.00D; 3.75L-8	8,25	485	150	950	1.435	8,1
15x4.5-8 (125/75-8)*	LT	12	TT	3.25L-8	10,00	385	122	750	1.130	4,2
16x6-8 (150/75-8)	SW	18	TT	4.33R-8	10,50	420	155	1.180	1.780	9,0
18x7-8 (180/70-8)	SW	16	TT	4.33R-8	10,00	465	175	1.650	2.490	12,3
6.00-9	SW	14	TT	4.00E-9	10,50	540	170	1.495	2.260	13,0
21x8-9 (200/75-9)	SW	16	TT	6.00E-9	10,00	530	215	2.120	3.200	21,2
6.50-10	SW	14	TT	5.00; 5.50F-10	10,00	590	190	1.800	2.720	16,1
23x9-10 (225/75-10)	SW	20	TT	7.00F-10	10,00	585	230	2.650	4.000	23,3
7.00-12	SW	16	TT	5.00S-12	10,00	675	200	2.240	3.380	22,3
23x10-12 (250/60-12)	SW	22	TT	8.00G-12	10,50	600	260	2.985	4.510	30,3
27x10-12 (250/75-12)	SW	20	TT	8.00G-12	10,00	695	270	3.550	5.360	33,6
7.00-15	SW	16	TT	5.00; 5.50-15	10,00	740	205	2.725	4.115	24,5
7.50-15	SW	16	TT	5.00; 6.00; 6.50-15	10,00	785	225	3.000	4.530	27,7
28x9-15 (225/75-15)	SW	16	TT	7.0-15	10,50	715	220	3.090	4.665	27,1
32x12.1-15	SW	24	TT	9.75-15	10,30	810	325	4.835	7.300	64,7
8.25-15	SW	18	TT	6.0; 6.5; 7.0-15	9,25	840	255	3.650	5.510	43,2
250-15 (250/70-15)	SW	20	TT	7.0; 7.5-15	10,00	735	245	3.875	5.850	36,4
300-15 (315/70-15)	SW	20	TT	8.0-15	9,00	820	280	5.000	7.550	56,5
28x12½-15 (355/45-15)	SW	24	TT	9.75-15	10,50	710	305	3730	5630	45,4
9.00-20	LT	14	TT	7.00-20	7,60	1.034	259	4.500	6.795	48,5
10.00-20	SW	20	TT	7.0; 7.50; 8.0-20	10,00	1.070	290	5.320	8.035	103,5
12.00-20	SW	20	TT	8.00; 8.50; 9.00-20	10,00	1.145	320	6.900	10.420	103,5

* Only tyre and tube without flap.

CONVENTIONAL PNEUMATIC SKID STEER TYRES
FOR SMALL-SIZED MACHINES

SS

SD

SKZ+



- SS**

 - Standard tread with sidewall properties.
 - Good traction.

SD

 - Resistant tread reinforced in the middle.
 - Compound resistant to punctures.
 - Balanced tread wear.
 - Reinforced sidewalls.
- SKZ+**

 - Sturdy tyres for extreme conditions.
 - High pattern: improves performance and tyre life.
 - Good self-cleaning properties.

TYRE SIZE	PROFILE	PR	TYPE	RIM WIDTH	INFLATION PRESSURE ETRTO (bar)	OVERALL DIAMETER (mm) ±2%	OVERALL SECTION WIDTH (mm) ±2%	LOAD CAPACITY (kg)		WEIGHT (kg)
								8 km/h	16 km/h	
5.70-12	SD	6	TL	4.50	4,10	570	146	660	520	7,9
23x8.50-12	SS	6	TL	7.0	3,40	575	215	820	650	12,7
27x8.50-15	SS	8	TL	7.0	4,80	680	210	1.250	990	15,2
27X10.50-15	SS	8	TL	8.5	3,50	700	260	1.280	1.010	18,1
10x16.5	SS	10	TL	8.25	5,10	775	280	2.135	1.685	22,7
10x16.5	SKZ+	10	TL	8.25	5,20	773	264	2.135	1.685	20,2
12x16.5	SS	12	TL	9.75	5,60	845	330	2.890	2.285	36,6
12x16.5	SKZ+	12	TL	9.75	5,50	831	307	2.890	2.285	40,2

CONVENTIONAL PNEUMATIC TYRES FOR INDUSTRIAL TRACTORS
FOR CONSTRUCTION AND ROAD WORKS

IM54

T109



- IM54**

 - Structure ensuring excellent traction.
 - Suitable for industrial and agricultural applications.

T109

 - Industrial pattern with sturdy tread.
 - Compound highly resistant to abrasion.
 - Good traction and self-cleaning properties.

TYRE SIZE	PROFILE	PR	TYPE	RIM WIDTH	INFLATION PRESSURE ETRTO (bar)	OVERALL DIAMETER (mm) ±2%	OVERALL SECTION WIDTH (mm) ±2%	LOAD CAPACITY (kg)	
								40 km/h	(kg)
15.5/80-24	IM54	16	TL	W12	4,00	1.260	415	4.680	70,5
18.4-26	T109	12	TL	16.00	2,50	1.420	490	4.000	93,5
16.9-28	T109	14	TL	15.00	3,00	1.415	460	3.860	83,5

MT63



MT45



MT54



MT72



MT90



MT63

- Tread for on/off-road applications.
- Good traction.

Applications:
Municipality vehicles used on roads.
Agricultural vehicles.
Special service vehicles.

MT45

- Tread with good traction and self-cleaning properties for on/off-road applications.
- Good stability and manoeuvrability.

MT54

- Multipurpose tread with excellent pattern for special applications.
- Good traction and self-cleaning properties.

MT72

- Tread especially suitable for loader applications.
- Good traction and self-cleaning properties.

MT90

- Tread with good traction characteristics and increased stability.
- Suitable for excavators and telescopic hoisting devices.

TYRE SIZE	PROFILE	PR	TYPE	RIM WIDTH	INFLATION PRESSURE ETRTO (bar)	OVERALL DIAMETER (mm) ±2%	OVERALL SECTION WIDTH (mm) ±2%	LOAD CAPACITY (kg) 40 km/h	WEIGHT (kg)
10.5/80-18	MT45	10	TL	9.00	3,70	910	280	1.950	31,9
12.5/80-18	MT45	12	TL	W9	3,70	990	310	2.650	42,1
18-19.5	MT63	18	TL	14.00	6,75	1.090	455	5.605	75,0
10.5-20	MT54	10	TL	9.00	3,75	960	275	2.070	31,8
12.5-20	MT54	12	TL	11.00	3,50	1.055	330	2.300	48,8
14.5-20	MT54	14	TL	11.00	3,50	1.095	355	2.795	58,4
405/70-20	MT54	14	TL	13.00	3,50	1.090	385	3.335	60,5
405/70-20	MT72	14	TL	13.00	3,50	1.150	405	3.335	67,2
18-22.5	MT90	18	TL	14.00	6,75	1.185	477	6.095	95,0
405/70-24	MT54	14	TL	13.00	3,50	1.190	415	3.620	76,0
405/70-24	MT72	14	TL	13.00	3,50	1.200	420	3.620	78,3

MULTI-PURPOSE CONVENTIONAL PNEUMATIC TYRES
FOR MANUFACTURING MACHINES

MT54



- Classical tread with excellent pattern for all applications.
- Good traction and self-cleaning properties.

TYRE SIZE	PROFILE	PR	TYPE	RIM WIDTH	INFLATION PRESSURE ETRTO (bar)	OVERALL DIAMETER (mm) ±2%	OVERALL SECTION WIDTH (mm) ±2%	LOAD CAPACITY (kg) 25 km/h	WEIGHT (kg)
8.25-20	MT54	14	TT	6.5-20	6,75	970	232	2.180	35,0
9.00-20	MT54	14	TT	7.0-20	7,00	1.012	256	2.650	43,0
10.00-20	MT54	16	TT	7.5-20	7,50	1.050	280	3.190	50,0

SERVICE, ACCESSORIES - SOLID TYRES
FITTING PRESS 250 TON



FITTING AND REMOVAL PRESS FOR SUPER-ELASTIC AND CUSHION TYRES

This press is able to perform fitting and removal operations of all sizes of super-elastic tyres (with the exception of 14.00-24).

The machine’s fundamental characteristics are: reability, speed, power and precision. The press is composed of a metal structure, an adjustable lower work platform with area of 200 mm and an upper moveable platform with 600 mm of usable stroke. Manually controlled hydraulic movements. The press does not require a foundation. The press comes complete with CE certification, an Instruction Booklet for fitting and removal operations, as well as Use and Maintenance Booklet. The equipment necessary for fitting and removal of the super-elastic and cushion tyres is sold separately upon request.

SUPER-ELASTIC TYRES INSTALLATION EQUIPMENT

- The installation equipment is available for wheel size from 8” to 20”.
- Each size is painted in a different colour.



1 - Thrusting ring



2 - Bevelled ring



3 - Press ring



4 - FIX de-mounting ring (up to 15”)



5 - Seating rim

SOLID TYRES - USER INSTRUCTIONS, MAINTENANCE, REPLACEMENT AND CALCULATION OF WEAR LIMITS

1) INTRODUCTION

Tyres are the only contact between the vehicle and the ground. It is therefore of paramount importance that they are maintained in good condition at all times, and that when the time comes to change them, correct replacements are done.

The tyres fitted to your vehicle as Original Equipment were selected by the vehicle and tyre manufacturers concerned taking into account the intended operations of the vehicle.

Changes in tyre type, size and load capacity should not be made without first checking with the tyre and/or vehicle manufacturer regarding possible effects on vehicle behaviour and safety.

2) FITTING AND REMOVAL OF TYRES

It is recommended that these operations be entrusted only to specialists who have the necessary equipment and expertise. Inexpert fitment may lead to personal injury and concealed damage to tyres and wheels.

No special equipment is necessary for fitting solid tyres on centrally divided conical rims, but appropriate presses and accessories are required for fitment on off-set divided conical rims, cylindrical rims and pneumatic tyre rims.

The published instructions of the tyre manufacturer must be strictly followed. Only approved proprietary tyre lubricants should be used.

To avoid damage to the base of the tyre, it must be placed on the rim concentrically and parallel to the axis. Only rims recommended by the tyre manufacturer must be used.

3) TYRE LOAD AND SPEED

Tyre load capacities are specified per tyre. Published Standards or manufacturers' Manuals should be consulted to obtain the actual values applicable to a particular application at the speed specified, up to a maximum of 25 km/h.

Load interpolation within the specified speed steps is not permitted and the speed rating of the tyre must be at least equal to the maximum speed capability of the unladen vehicle.

Continuous running should be avoided in order, to

prevent excessive heat build-up which may lead to tyre break-up.

4) TYRE MAINTENANCE

Although solid tyres require relatively little maintenance, they should be inspected from time to time in order to check their suitability for further use.

5) TYRE REPLACEMENT

Worn or damaged tyres must be replaced in accordance with the tyre manufacturer's recommendations. Also, national legal requirements should be checked as they vary from Country to country. When replacing a tyre, special attention should be paid to the condition and suitability of the rim, as rim damage and incorrect fitment can result in tyre break-up.

6) TYRE AGEING

Tyres age even if they have not been used or have only been used occasionally. Rubber cracking may be evidence of ageing. Exposure to sunlight, heat and ozone will accelerate this process. Aged tyres should be examined by a tyre specialist to check their suitability for further use.

7) TYRE MIXING

Tyres mounted on the same axle must be of the same type and size and must have approximately the same external diameter.

8) TREAD WEAR

8.1 INTRODUCTION

The limit for the tread wear of industrial vehicles is not defined by national or international standards. Several manufacturers provide instructions solely for their products. Recommendations by tyre manufacturers should always be followed. However, in case no recommendations are provided by manufacturers, please abide by the contents published in this standard.

8.2 PURPOSE

This standard suggests tread wear limits for solid tyres used on industrial vehicles that operate under conditions that are not regulated by the Highway Code and are to be used in case no instructions are provided by the manufacturer of the vehicle or tyres. NOTE: Industrial vehicles that operate on public roads must be in order and comply with traffic circulation standards.

8.3 HAZARDS DUE TO EXCESSIVE TYRE TREAD WEAR

The hazards due to excessive tyre wear are the following:

- a) Loss of load capacity that promotes the accelerated wear of the tread and leads to overheating of the tyre.
- b) Loss of adhesion while accelerating or braking on unstable road conditions.
- c) Hazards are heightened if the tyres mounted on the same axle are worn differently.
- d) Reduction in the vehicle's stability.
- e) Loss of the vehicle's directional control.
- f) Uneven load on twinned tyres.

8.4 REDUCING HAZARDS

The hazards mentioned in the foregoing section can be reduced if: The tyres mounted on the same axle are built by the same manufacturer, have the same size and are worn equally (this applies to any type of tyre).

8.5 TYRE TREAD WEAR LIMITS

1) Pneumatic tyre rim sizes

Wear indicators or Kerbing Rib are recommended. Solid Rubber tyres for Pneumatic Rims may be used until the tread is worn to the wear indicator, if the tyre has such a marking, or to the top of the kerbing rib, see page IS.3 of EDI. Where there is no indicator, use the tyre until 3/4 of the original total thickness of the tyre remains. To calculate the minimum diameter corresponding to this wear limit, measure the outside diameter of the worn tyre, the outside diameter of an unworn tyre of the same type, make and size, and the diameter of the wheel rim. The minimum permitted diameter of the

worn tyre is given by the formula:

D_{worn} = 3/4 (D_{new} - D_{rim}) + D_{rim}

where D_{worn} = the outside diameter of the worn tyre
D_{new} = the outside diameter of an unworn
D_{rim} = the diameter of the wheel rim

2) Press-on-band, cured-on-band and conical base tyres (rubber and non-rubber)

Press-on-band, cured-on and conical base tyres may be used until 2/3 of the original total radial thickness of the tyre remains, as given by the formula:

Cured-on tyres:

D_{worn} = 2/3 (D_{new} - D_{rim}) + D_{rim}

Press-on-band and conical base tyres:

D_{worn} = 2/3 (D_{new} - D_{rim} - 20) + (D_{rim} + 20)

Notes:

- a) All dimensions are measured in millimetres.
- b) The outside diameter of the tyre D_{worn} and D_{new} may be calculated by measuring the circumference of the tyre with a flexible tape, and calculating the diameter from the formula:

Diameter = Circumference / π

TREAD WEAR INDICATOR (TWI) MARANGONI INDUSTRIAL TYRES recommends for tyres not to be worn beyond the TWI (Tread Wear Indicator) positioned on the tread of the tyre.

The height of the TWI was defined according to a study based on safety and cost savings for the user. However, in case there is no TWI, MARANGONI INDUSTRIAL TYRES recommends to replace the tyres for safety reasons when 10% of the original tread is worn.

General conditions of sales available on WWW.MARANGONIINDUSTRIALTYRES.IT



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