Earth Moving Retreaded Tyres

EDITION 2013

EARTH MOVING RETREADED TYRES

THE RIGHT TYRE FOR EVERY APPLICATION

The excellent results achieved by the company in the field of compounds are also the consequence of significant investments made by Marangoni into research and development. A highly gualified team combines innovation capacity and technical skills when choosing the materials used. Thanks to the careful selection and repair of the casing, and to the compounds and tread patterns used, the performance of Marangoni retreads are equivalent to new tyres of premium brands. Testing durability and resistance to heating directly on the working surface verifies how well the compound withstands different conditions, from use in less hard till extremely hard conditions.

HIP ACQUIRED IN THE FIELD

o the know how acquired in the field and to the technology used, goni is currently a world leader in retreading, offering a vast product all applications, featuring high technology and excellent quality.

NI DEFENDS THE ENVIRONMENT

Mindful of the future for coming generations, Marangoni is committed to defending and protecting the environment, giving tyres longer life through e retreading process.

istantly committed to sustainable development, the Marangoni Group elements and promotes an array of activities and technologies for anaging the entire life cycle of the tyre. The company's exclusive know how in this context is demonstrated v ISO 14001:2004 environmental certification.

MARANGONI, 60 YEARS ON

Back in the 1950s Marangoni had already recognised the enormous advantages that retreaded tyres could represent not only for users but also for conserving the environment. Over these last 60 years Marangoni has invested human resources, time and money into achieving excellence across the entire retreading process: the compounds, technology and machinery used are all made by the Group in-house, and are constantly tested and upgraded at the Marangoni Research and Development Centre.

The wide range of earthmoving tyres represents the synthesis of the intense product development work conducted in the field, with the aim to best satisfy our customers' needs.

It's this business intuition that has led the Marangoni Group to be recognised as a world leader in retreading.

Power in motion







EXCLUSIVE "BASE" STRUCTURE FOR ADAPTING THE TREAD COMPOUNDS TO DIFFERENT TYRE USES.

Product development



MARANGONI

Retreading process and systems

MOULD SYSTEM



The tread is cured inside a mould that creates the pattern due to the pressure and temperature generated by the press.

1 SELECTING THE TYRES

4_REPAIRING THE CASING



7_INSPECTION AND FINISH



2 BUFFING



3 SKIVING

Every tyre to be retreaded undergoes several checks to ensure it's suitable for retreading.

On passing the initial examination, the tyre is then buffed. This involves removing residual tread and preparing the surface for the new tread. Where necessary, the casing is repaired and prepared for the subsequent building stage, entailing application of the tread compound depending on the intended use of the tyre.

At the end of the process, the tyre is ready for curing.

ONLY MARANGONI OFFERS 5 YEARS OF GUARANTEE

The guarantee covers Earth-Moving tyres retreaded by Marangoni, against any fault that may be attributed either to the manufacturing process or to the guality of the materials used.

A tyre returned under warranty will be inspected by Marangoni's specialized technicians and if:

- no more than 5 years have passed since the manufacture date;
- non evidence of flaws is detected due to incorrect usage, impacts, sharp-edges objects;
- the tyre has received regular maintenance,

then, Marangoni will proceed:

- to retread the tyre, if deemed possible
- to credit the remaining value of the tyre.

Marangoni can make this commitment because of the implementation of high technical production standards that are internationally recognized and the exclusive usage of high quality materials.

RECAFLEX SYSTEM Smooth Mould Curing



The tread is cured inside a press with a smooth mould, then is grooved to the tread pattern requested.

AUTOCLAVE CURING



The tyre is cured inside an autoclave, then grooved if necessary.

TREAD PATTERN SCULPTING



The tread pattern is made using a blade that sculpts the rubber following precise instructions from the software that manages the machinery.





















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MRT pag.19 RECAFLEX



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MMT pag. 20 RECAFLEX





MINE pag.21 RECAFLEX



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SIZE	MR	MH Std	MH Extra	MADN	MAD	MSP Mys	MTS		MLT	E58	MD	MDR	MDR	MDR	MLD	MRT	MRT	MRTM	MMT	MMT D2	MINE	MINE	MINE D1	MINE D2	MS D1	MS D2	MAS D1	MAS		LISSE		MGC N	IGC IND	HRL	MRL	MKS	MHD1	MDT	MDT	MRLS	MM
	E3 G3 L3	E3 G3 L3	E3+G3+L3+	E3	E3 L3	E2 G2 L2	E	E3 L3	E4 L4	L3	L3	ES LS	E4 G4 L4	G5 L5	G4+ L4+	G4 L4	G5 L5	G5 L5	G4 L4	G5 L5	15	L3	L4	L5	L4	L5	L4	L5	L3S	L4S	L5S	E2	L4	E3 L3	E4 L4	E4 L4	E4	E4	E4	E4	E7
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33.25x29							• R-D																						• R												
21/90x33																														• K-D • R					• 0	• K		• K-D	• R	• R	
21.00x33																														• R									• R	• R	
35/65x33 (875/65x33)														• R-D	• R-D								• R	• R-D	• R	• R-D	• R	• R-D	• R	• R	• R-D										
37.5x33								• K-D																					• K-D • R-D												
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24.00X35								• P																					• P	• R-D								• R-D		• R	
33.25x35	• R-D							° n															• R-D			• R			° n	• R-D	• R										
37.25x35							• R																		• R	• R-D			• R	• R	• R-D										
39 37.5X39 40/65x39								• R																• R-D		• R • R-D		• R-D	• R		 R-D R-D 										
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Pattern and size

EARTH-MOVING APPLICATION

TYPE OF VEHICLE	T.R.A. CODE	TYPE OF TREAD	TREAD DEPTH	radial Ply	BIAS PLY
RIGID DUMPER	E2	Traction	Standard Tread	MGC - MSP M+S	MSP M+S
ARTICULATED DUMPER	E3	Rock	Standard Tread	MR - MH Standard MH ExtraDeep(E3+) - MADN MAD 65 - MDR DN - MLT DN MTS DN	MR - HRL - MH Standard MH ExtraDeep(E3+) MADN - MLT DN - MTS DN
SCRAPER	E4	Rock	Deep Tread	MHD1 - MKS - MDT MDR D1 - MRLS R D1 MDT R D1 - MLT D1	MHD1 - MKS - MDT MDT R D1
	G2	Traction	Standard Tread	MSP M+S	MSP M+S
MOTOR GRADER	G3	Rock	Standard Tread	MR - MH Standard	MR - MH Standard
	G4	Rock	Deep Tread	MIT EXTRADUCED (G3+) MDR D1 - MLD(G4+) MRT D1 - MMT D1	MDR D1 - MLD(G4+)
	G5	Rock	Extra Deep Tread	MDR D2 - MRT D2 - MMT D2 MRTM D2	MDR D2 - MRT D2 - MMT D2
WHEEL LOADER	L2	Traction	Standard Tread	MSP M+S	MSP M+S
	L3	Rock	Standard Tread	MR - MH Standard MH ExtraDeep(L3+) - MAD 65 MD - MDR DN - MLT DN MINE DN	MR - HRL - MH Standard MH ExtraDeep(E3+) - E58 MINE DN
WHEEL DOZER	L4	Rock	Extra Deep Tread	MLT D1 - MLD(L4+) - MDR D1 MRT D1 - MMT D1 - MINE D1 MS D1 - MAS D1	MLD (L4+) - MDR D1 - MRT D1 MMT D1 - MINE D1 MS D1 - MAS D1
	L5	Rock	Extra Deep Tread	MDR D2 - MRT D2 - MRTM D2 MMT D2 - Mine D2 - MS D2 Mas D2	MDR D2 - MRT D2 - MMT D2 Mine D2 - MS D2 - MAS D2
UNDERGROUND MINING VEHICLES	L3S	Smooth	Standard Tread	LISSE DN	LISSE DN
	L4S	Smooth	Deep Tread	LISSE D1	LISSE D1
	L5S	Smooth	Extra Deep Tread	LISSE D2	LISSE D2
ALL-TERRAIN CRANE WHEEL CRANE	E2 F3	Traction	Standard Tread	MGC - MSP M+S MR	MR - HRL
	20	HOOK			

INDUSTRIAL SERVICE APPLICATION AND CONTAINER HANDLING

REACH STACKER	STRADDLE CARRIER	Standard Tread	MR - MGC	MR - HRL
FORKLIFT	TRANSFER CRANE	Deep Tread	MKS - MINE D1 - MS D1 MAS D1 - MGC D1 IND	MKS - MINE D1 - MS D1 MAS D1 - MRL - MGC D1 IND
		Extra Deep Tread	MS D2	
TOWING TRACTOR		Smooth Deep Tread Smooth Extra Deep Tread	LISSE D1 LISSE D2	



OPERATING SPEED (IND-MDT MDTR MRISE WKC CUT RESISTANCE / PROTECTION UNDERGROUND MINING VEHICLES **OPERATING SPEED** MLD MRT D1 MMT D1 MRTM D2 MRT D2 MMT D2 MS D2 MS D1 MINE D1 MINE D2 MAS D1 MAS D2 LISSE D2 LISSE D1 **CUT RESISTANCE / PROTECTION REACH STACKER / STRADDLE CARRIER DISTANCE / OPERATING SPEED** MR HRL MGC D1 IND RAC £ MS D1 MKS MS D2 MAS D1

CUT RESISTANCE / PROTECTION

LISSE D2

LISSE D1

RIGID DUMPER

T.R.A. Code

- (Tyre and Rim Association)
- APPLICATION
- E Earthmover
- G Grader
- L Loader and Dozer

TREAD DEPTH

- 2 Standard Tread (Traction)
- 3 Standard Tread (Rock)
- 4 Deep Tread
- 5 Extra Deep Tread

Important • Tyres retreaded with suggested patterns must be used matching the load index and the speed symbol of the original casing, except if otherwise specified.

• All Marangoni retreaded tyres will keep the same technical features of the original casing, in terms

Correct tyre selection







of load capacity, speed and overall comfort when casings are retreaded using patterns equivalent to the original in terms of tread depth and application. • Tyres retreaded on L5 type must be manufactured only on L5 casing.

MR

MH

MADN



Directional EM tyre with excellent traction.

The considerable tread depth guarantees good traction together with satisfactory speed.

The tread compound is characterised by low heat development, thus ensuring high average speeds together with optimum hourly performance.



Non-directional tread pattern, up to 20% tread depth for longer lifetime on extra deep thickness.

The flat profile gives the tyre excellent grip. It features specially protected shoulders and sidewalls.



Developed mainly for articulated dump trucks. The pattern provides excellent traction and higher resistance to cuts and chipping. Exceptional stability for rough terrain and soft soil.

SIZE	E3 G3 L3 Tread depth (mm)		
 10.00.01	01		L J E
12.00x24	21		
13.00x24	22	0-0-	°0=0
14.00x24 (385/95x24)	22		
16.00x24	26	00-0	
13.00x25	22		-0-0-
14.00x25 (385/95x25)	22		2
15.5x25 (395/80x25)	23	- 5	
16.00x25 (445/95x25)	26		
17.5x25 (445/80x25)	25		
18.00x25 (505/95x25)	28	1.0	
20.5x25 (525/80x25)	26	\odot	÷ ÷
23.5x25 (605/80x25)	31	_	
26.5x25 (685/80x25)	34		
29.5x29	37	-0-01	
33.25x35	40		









Wide base tyre profile designed for articulated dump trucks and medium sized loaders with great traction, extra stability and life.

SIZE	E3 L3 Tread depth (mm)	
650/65x25 625/70x25 25/65x25 750/65x25 (30/65x25) 705/70x25	40 40 40 43 43	

MSP M+S







Four-season pattern with sipes on blocks and excellent traction on snow and ice; reducing the need for snow chains, recommended for wheel crane and special high speed machine. Tread pattern designed to provide maximum traction. The special tread compound helps ensure high performance on all types of ground, even the most demanding surfaces. Excellent resistance to perforation. Non-directional tread pattern with excellent traction and self-cleaning properties even in extreme conditions, plus exceptional stability.



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Note, special compounds of rubber are used for high speed tyres. Please specify high speed application when asking for this type of process.

■ Mould Retreading with smooth tread successively regrooved.





Good traction due to V-shaped bars. Good self-cleaning capabilities due to directional pattern design.

SIZE	L3 Tread depth (mm)	
20x24	33	

MD



MLD



Directional tread pattern ensuring good traction stability and selfcleaning properties.

The special tread compound ensures maximum resistance to cuts, impacts and tearing.

Directional tread pattern suitable for any type of terrain, but particularly recommended for rocky ground.

The special tread compound ensures maximum resistance to cuts, impacts and tearing.





		E3 L3	E4 G4 L4	G5 L5	
	SIZE	Tread depth (mm)	Tread depth (mm)	Tread depth (mm)	
		DN	D1	D2	
-	17.5x25		38	62	0-0-
	550/65x25		41		
	555/70x25		41		00 0
	21.00x25	32			
	22/65x25	25			
	650/55x25	37			
-	23.5x25			80	1.00
-	26.5x25			80	
-	29.5x25			90	
-	30/65x29		53	88	
-	775/65x29		53		10-01
	800/65x29		53		
=	875/65x29		51		-0-0-
-	29.5x29		58	100	
	35/65x33 (875/65x33)			95	



■ Mould Retreading with smooth tread successively regrooved.





Directional tread design with very deep and solid pattern and wellprotected sidewalls.

Especially suitable for heavy-duty uses with particular traction and stability requirements.

The special tread compound ensures maximum resistance to cuts, impacts and tears.

	SIZE	G4 L4 Tread depth (mm)	G5 L5 Tread depth (mm)	
		D1	D2	
-	23.5x25		80	00 -0
=	26.5x25		80	i.m
-	29.5x25		90	$\bigcirc - \bigcirc$
=	29.5x29	58	100	_
	45/65x39		100	
	45/65x45 (1150/65x45)		100	10-01

■ Mould Retreading with smooth tread successively regrooved.

MRTM RECAFLEX







Non-directional profile and very deep pattern for applications involving operation on very abrasive surfaces. Excellent traction and self-cleaning properties.

The special tread compound ensures maximum resistance to cuts, impacts and tears.



Directional profile with excellent traction, self-cleaning properties and comfortable use on hard surfaces.

Deep pattern and specific compound that withstands abrasion for long-life and high protection of the tread area.

Bi-directional profile with especially protected tread and sidewalls. Suitable for all work vehicles (loaders and dozers). Made using a special compound to achieve maximum resistance to cuts and impacts, and excellent hourly performance. Smooth central tread area ensures maximum surface contact maximum protection in aggressive applications.











Non-directional and specially protected tread pattern. Built with a special compound in order to obtain the highest resistance to cuts and impacts, and an optimum hourly performance. Smooth central tread area ensures maximum surface contact.

		L3	L4	L5	
	SIZE	Tread depth (mm)	Tread depth (mm)	Tread depth (mm)	
_					
		DN	D1	D2	
•	15.5x25		37	60	0-0
•	17.5x25		38	62	_
-	20.5x25		43		
	21.00x25		57		10-01
	600/65x25		44		
-	23.5x25		49	80	
•	26.5x25		53	80	
•	29.5x25		58	90	-
	26.5x29	40			
•	30/65x29		53	88	
•	775/65x29		53		
	800/65x29		53		
•	29.5x29		58	100	
	35/65x33 (875/65x33)		61	90	
	33.25x35		65		
	40/65x39			85	
	41.25/70x39			90	
	45/65x39			100	
	45/65x45 (1150/65x45)		65	100	

Mould Retreading with smooth tread successively regrooved.









Symmetric tread design, particularly suitable for use on rocky ground and for heavy-duty applications.

The special tread compound combines good resistance to cuts, impacts and tearing with optimal hourly performance.

Excellent for applications in which the use of chains is necessary.

			L4	L5	
		SIZE	Tread depth (mm)	Tread depth (mm)	
1			D1	D2	i m
		12.00x24	33	57	\odot
		14.00x24	38		
		15.5x25	37	60	
		16.00x25	43	71	
	•	17.5x25	38	62	
	•	18.00x25 IND	45	72	-0101
	•	20.5x25	43		
	•	23.5x25	49	80	1.A.
	•	26.5x25	53	80	
	•	29.5x25	58	90	
	•	30/65x29	53	88	
	•	29.5x29	58	100	0-0-
		35/65x33 (875/65x33)	61	90	
		21.00x35	52		
		33.25x35		85	
		37/25x35	53	90	
		37.5x39		90	
		40/65x39		90	
		41.25/70x39		85	00-00
		45/65x39		100	
		45/65x45 (1150/65x45)	65	100	

	SIZE	Tread depth (mm)	Tread depth (mm)	
		D.(20	
		DI	D2	
-	15.5x25	37	60	0-0
	16.00x25	43		_
	17.5x25	38	62	
	18.00x25	45		
	20.5x25	43		
	23.5x25	49	80	
	26.5x25	53	80	
	29.5x25	58	90	
	29.5x29	58	100	
•	30/65x29	53	88	0 0
	35/65x33 (875/65x33)	61	90	
	21.00x35	52		
	40/65x39		90	00
	41.25/70x39		85	
	45/65x39		100	
	45/65x45 (1150/65x45)	65	100	

Asymmetric tread pattern particularly suitable for use on rocky

The special tread compound combines good resistance to cuts,

L4

L5

impacts and tearing with an optimum hourly performance.

ground and for heavy-duty applications.

= Mould Retreading with smooth tread successively regrooved.

Smooth profile that ensures total contact with the ground for maximum loading capacity.

Special compound for industrial applications characterised by low heat development, high hourly performance and resistance to the heaviest loads.

Excellent pattern with good protection from damages due to its smooth tread and reinforced sidewalls. For mining application and container handling.

The tyres can be retreaded in moulds or in autoclave; please make reference to the sizes listed below.



Mould Retreading with smooth tread successively regrooved.





	(Autoclave)	L3S	L4S	L5S	
	SIZE	Tread depth	Tread depth	Tread depth	
		(mm)	(mm)	(mm)	
_			D.1		
	555(70.04	DN	D1	D2	
	555/70X24	28			10
	550/65x25	32	41		
	555//UX25	32	41		
	21.00x25	32	57		-0-
	22-65x25	25			
	600/65x25	34	44		
	650/55x25	37			
	850/65x25		47		
	26.5x29	40			
	800/65x29		53		-0-
	33.25x29	45			
	18.00x33		54		
	21/90x33		54		-0-
	21.00x33		54		
	35/65x33	44	61	90	
	33.5x33	47			
	37.5x33	47			
	21.00x35		60		
	24.00x35		55		
	29.5x35	45			
	33.25x35		65	85	
	37.25x35	47	53	90	
	37.5x39	50		90	
	40/65x39			90	
	40.5/75x39	49			
	41.25/70x39			85	
	45/65x39			100	
	45/65x45			100	
	24.00x49		65		
	30.00x51		70		
	33.00x51		75		
	36.00x51		75		

MGC

MGC IND

HRL



Multipurpose tread pattern. Suitable for road transport, even for vehicle with high average speeds.

The special tread compound ensures reduced heat development. Particularly suitable for wheel cranes.

With a block pattern design, it is extremely effective in reducing noise and uneven wear.



Pattern specifically designed for retreading industrial casings used on reach stackers carrying empty containers.

On the tread shoulders, specific wear indicators show the depth of the remaining smooth tread, that can be used after the complete wear of the MGC pattern.



Non-directional tread pattern designed for heavy-duty off-the-road and industrial applications.

Ensures maximum stability and traction. The special tread compound combines good resistance to cuts, impacts and tearing with good hourly performance.





	SIZE	E3 L3 Tread depth (mm)	
_	16.00x25	27	

_____ "





Non-directional tread pattern designed for retreading bias casings suitable for industrial service applications. The special tread compound guarantees maximum resistance to abrasion and heat development with excellent cost reduction.

SIZE	E4 L4 Tread depth (mm)	
 18.00x25 18.00x33	45 61	

MARANGON

MKS

MHD1

MDT



Non-directional tyre for transport and industrial applications. Tough tread design with deep tread for a long tyre life. Reinforced tyre sidewalls to protect from accidental damages.



Deep tread and built up sidewalls give protection and ensure maximum life in heavy duty application. Bi-directional tread allows an excellent traction on any kind of surfaces.

Its tread compound is characterised by low heat development, thus ensuring high average speeds together with optimum hourly performance.



Bi-directional tread design and enlarged base. Particularly suitable for use on dumpers. Excellent self-cleaning features. Ideal for heavy-duty applications combined with high speeds. Its tread compound is characterised by low heat development, thus ensuring optimum hourly performance.



Directional pattern developed for dumpers, recommended in case of severe work conditions and abrasive surfaces.
 E4

 SIZE
 Tread depth (mm)

 16.00x25 (445/95x25)
 43

 18.00x25 (505/95x25)
 47





EARTH MOVING RETREADED TYRES





Bi-directional tread design and enlarged base. Particularly suitable for use on dumpers. Excellent self-cleaning features. Ideal for heavy-duty applications combined with high speeds. Its tread compound is characterised by low heat development, thus ensuring optimum hourly performance.

	SIZE	E4 Tread depth (mm)
		D1
	21.00x33	54
	21/90x33	54
	21.00x35	60
	24.00x49	65
-	27.00x49	75
-	31/80x49	75
-	31/90x49	75
	30.00x51	70
	33.00x51	75
	36.00x51	75

■ Mould Retreading with smooth tread successively regrooved.

MRLS

RECAFLEX

MM (other applications)



Non-directional tread profile featuring a deep and solid pattern, for use on haul roads in open cast and quarry application.



Tyre suitable for sandy ground.





	SIZE	Tread depth (mm)
		D1
	21.00x33	54
	21/90x33	54
	24.00x35	55
	24.00x49	60
	27.00x49	75
	31/80x49	75
-	31/90x49	75
	33.00x51	75
	36.00x51	75

	E7*	
SIZE	Tread depth (mm)	n
14.00x20	18	

CONVERSION TABLE: STAR RATING TO PLY RATING

SERVICE	SIZE	Star Rating	Correspondir Ply Rating
Grader	13.00R24	*	up to 14
	14.00R24	*	up to 16
	16.00R24	*	up to 16
	17.5R25	*	up to 16
	20.5R25	*	up to 20
	23.5R25	*	up to 24
Earthmover	12.00R24	***	up to 24
	13.00R25	***	up to 28
	14.00R24	***	up to 32
	14.00R25	***	up to 32
	10.00R24	**	up to 30
	18.00025	*	up to 30
	10.001123	**	up to 24
	18 00B33	**	up to 30
	21 00B25	**	up to 40
	21.00R33	**	up to 36
	21.00B35	**	up to 44
	24.00B35	**	up to 48
	24.00R49	**	up to 48
	27.00R49	**	up to 54
	30.00R51	**	up to 58
	33.00R51	**	up to 64
	36.00R51	**	up to 66
	37.00R57	**	up to 78
	40.00R57	**	up to 80
	17.5R25	*	up to 16
		**	up to 24
	20.5R25	*	up to 24
	05/05D05	**	up to 28
	25/65R25	**	up to 32
	23.5R25	*	up to 24
		**	Up to 32
	20.3K23	**	up to 32
	20.3h29	**	up to 34
	29.5R20	**	up to 34
	29.5R25	**	up to 40
	33 25B29	**	
	33.5B33	**	up to 44
	37.5R33	**	up to 48
	33.25R35	**	up to 44
	37.25R35	**	up to 48
	37.5R39	**	up to 52
	40.5/75R39	**	up to 54
Loader	12.00R24	***	up to 24
	13.00R24	*	up to 14
	14.00R24	*	up to 16
	10.00004	***	up to 28
	16.00R24	*	up to 16
	18.00R25	*	up to 24
	20K24	*	
	10.0n20 17 ED0E	* -	up to 16
	17.3R23	**	up to 10
	20 5025	*	
	20.51125	**	up to 24
	23 5B25	*	up to 20
	20.01120	**	up to 21
	26.5R25	*	up to 02
		**	up to 36
	29.5R25	*	up to 28
		**	up to 34
	29.5R29	*	up to 34
	30/65R29	*	up to 28
	35/65R33	*	up to 36
		**	up to 42
	40/65R39	*	up to 42
	45/65R45	*	up to 50
		**	up to 50



(1) No corresponding Ply Rating in these sizes which are exclusively manufactured in radial construction.

PRESSURE UNIT CONVERSION TABLE

kPa	Bar	p.s.i.	
 100	10	15	
150	1.5	22	
200	2.0	29	
250	2,5	36	
300	3,0	44	
350	3,5	51	
400	4,0	58	
450	4,5	65	
500	5,0	73	
550	5,5	80	
600	6,0	87	
650	6,5	94	
700	7,0	102	
750	7,5	109	
800	8,0	116	
850	8,5	123	
900	9,0	131	
950	9,5	138	
1000	10,0	145	
1050	10,5	152	

SIZE CONVERSION TABLE

Metric	Inch	
385/95R24	14.00R24	
385/95R25	14.00R25	
445/95R24	16.00R24	
445/95R25	16.00R25	
505/95R25	18.00R25	
395/80R25	15.5R25	
445/80R25	17.5R25	
525/80R25	20.5R25	
605/80R25	23.5R25	
685/80R25	26.5R25	
750/65R25	30/65R25	
875/65R33	35/65R33	
1150/65R45	45/65R45	

Earth-Moving tyres are classified upon the Aspect Ratio of the tyre size:

Standard

The Height is ca. 100% of the Section $(H/S=100 - H/S=0.95)$	
the Section width in inches is a whole number.	

Example: 16.00x25	16.00	Х	25
	section width		rim diamet
	(inches)		(inches)

Wide base

The Height is ca. 80% of the Section (H/S = 0.80): the Section width in inches is a whole number followed by a fraction.

Example: 26.5x25	26.5 section width (inches)	Х	25 rim diame (inches)
Example: 33.25x35	33.25 section width (inches)	X	35 rim diame (inches)

Low Profile

The Height is ca. 65% / 75% of the Section (H/S = 0,65 - H/S = 0,70): the Section width in inches or mm. is a whole number followed by the number 65/70.

Example: 35/65x33	35 section width (inches)	/65 aspect ratio	Х
Example: 875/65x33	875 section width (mm)	/65 aspect ratio	Х
Example: 555/70x24	555 section width (mm)	/70 aspect ratio	Х
METRIC			
Example: 505/95x25	505 section width (mm)	/95 aspect ratio	Х

STORAGE OF TYRES

- . Keep the tyres clean away from heat, light, ozone or hydrocarbon sources.
- Avoid prolonged exposure of the tyres to direct sunlight.
 Avoid any contact whit grease, petrol, volatile solvents or other substances that may deteriorate the rubber. • Avoid horizontal storage.
- Reduce inflation pressure when tyres are stored fitted on rims.
- Ensure there is no water or moisture inside the tyre.
 Never store tyres directly in contact with the ground for long period.
- If tyres must be stored outside it's important to cover them.

MARKINGS AND SIZE DESIGNATIONS





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