

2024



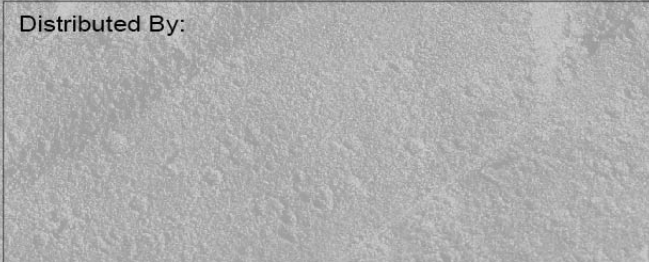
ADVANCE[®] SAMSON[®]

MAKE TRANSPORTATION ON WHEELS SAFER.



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Distributed By:



V2024

RADIAL OTR TYRES

TECHNICAL DATABOOK

GUIZHOU TYRE CO., LTD.
GUIZHOU TYRE I/E CO., LTD.
WWW.GZTYRE.COM

MANUFACTURER

COMPANY PROFILE

RADIAL OTR TYRES DATABASE

Established in 1958, Guizhou Tyre Co., Ltd. was recombined as the listing company in 1996, and is the national large-sized top-class enterprise, Top 520 key enterprises in China, Top Ten Tyre Company in China and one of the off-the-road tyre supporting and import bases. In 2021, the Company ranked the 28th in the ranking list of the global tyre enterprises. Currently, the company owns two large-sized production bases in China and Vietnam.

The Company relies on the strong R&D strength and has the top-class R&D team, namely the National Enterprise Technical Center and Post-Doctoral Research Station. The Company's products have been authenticated by ISO9001 quality system certification, ISO/TS16949 quality system certification, CCC (3C) certification, safety sign certification of United States Department of Transportation (DOT), E-MARK product certification of European Community, Brazil INMETRO, GCC certification of the Middle East, Indonesia SNI certification, India BIS and other renowned certifications. The Company has the complete product specifications and models, mainly manufactures the truck tyre, passenger vehicle tyre, off-the-road tyre, agricultural machinery tyre, industry vehicle tyre and special tyre of "Advance", "Samson" and other brands. With the specification up to 3000, the products are popularly sold to 100+ countries and regions, including America, Canada, Australia, Brazil, Argentina, Germany, France, United Kingdom, Spain, Russia, Algeria, Egypt, Kenya, South Africa, Japan, South Korea, Nigeria, India, Indonesia, Thailand and Malaysia.

Guizhou Tyre focuses on new industrialization and continuously drives the internationalized, intelligent, green and high-quality development. The Company owns the leading intelligent technology production in the industry benchmarking with the advance level in the world, fully endeavors to create the green tyre brand of "Ultra Secure, Ultra Anti-wear and Ultra Oil Saving" and provides the high added value for your commercial tyre depending on the excellent product quality and superior service.

Guizhou Tyre will continuously sparing no effort to manufacture the tyre brand exclusive to you relying on the leading intelligent production equipment in the industry, efficient production line, outstanding product quality and thoughtful service. You can definitely purchase the tyre you require here! We will do our utmost to create the high-value tyre in the world and become the preferred choice of client! Guizhou Tyre, you deserve it. Choosing us means you choose the more wonderful life!



MAKE TRANSPORTATION ON WHEELS SAFER.

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SAMSON[®]



RADIAL OTR TYRES DATABOOK

A large yellow mining truck is parked on a dirt road in front of a massive, layered rock formation. The truck is a heavy-duty vehicle with a large cab and a high chassis. The rock formation behind it is composed of distinct horizontal layers, suggesting a sedimentary or metamorphic origin. The scene is set in a rugged, mountainous area.

EARTHMOVER SERVICE

P09~19

- | | |
|----|--|
| E2 | GLR35 |
| E3 | GLR01\GLR09pro\GLR12\GLR18\GLR29Pro\GLR32\
GLR36Pro\GLR39\GLR55\GLR56\GLR57\GLR60 |
| E4 | GLR04\GLR04Pro\GLR09\GLR09Pro\GLR17\GLR19\
GLR50\GLR59\GLR60\ARP\ART\ARS |

ARTICULATED DUMP TRUCKS

P20~23

- | | |
|----|-------------------|
| E2 | GLF02 |
| E3 | GLR06\GLR09\GLR18 |
| E4 | GLR06 |

LOADER AND DOZER SERVICE

P24~30

- | | |
|--------|----------------------------------|
| L2 | GLR15\GLR30 |
| L3 | GLR02\GLR03\GLR06\GLR09\GLN01 |
| L4 | GLR06\GLR27\GLR28 |
| L5/L5S | GLR08\GLR20\GLR20Pro\GLR61\GLS01 |

GRADER SERVICE

P31~34

- | | |
|-------|-------------------|
| G2 | GLR15\GLR82\GLR35 |
| G3/L3 | GLR06\GLR09\GLN01 |

UNDERGROUND MINE MACHINES

P35~39

- | | |
|-------|-------------------|
| E4/L4 | GLR26\GLR27\GLR28 |
| L5 | GLR08\GLR20\GLR61 |
| L5S | GLS01 |

CRANES AND TRANSPORT VEHICLES

P40~43

High-Speed GLB05\GLB07\GLN01\GLR35\GLR58

INDUSTRIAL SERVICE

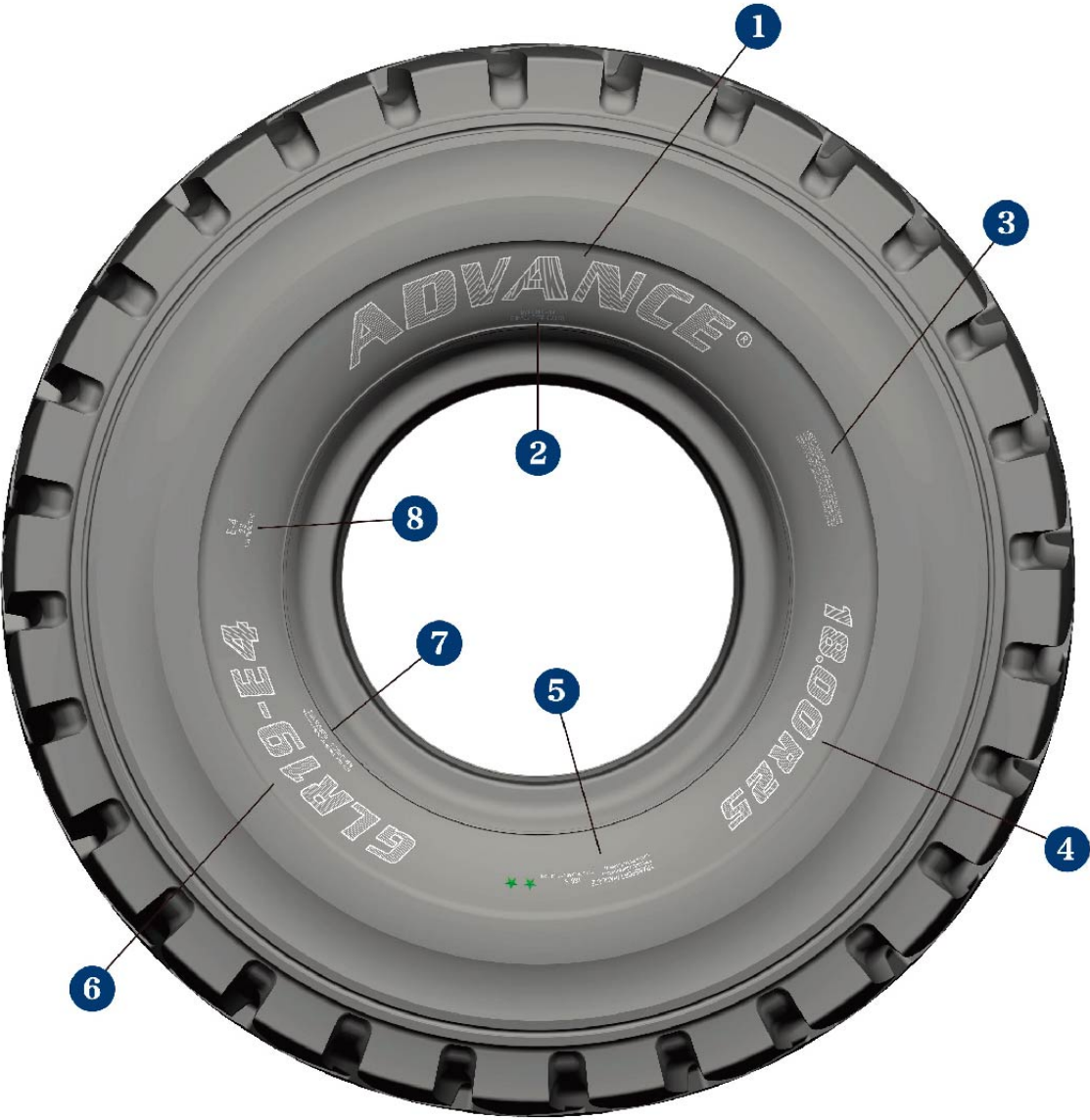
P44~47

- IND3 GLR02\GLR31\GLB06\GLB08
IND4 GLR07\GLR37

SAND SERVICE

P48~50

- | | |
|----|-------------|
| E2 | GLR21 |
| E7 | GLF01\GLF02 |



1	Brand Name
2	Manufacturer and Country of Origin
3	Safety Warning
4	Tyre Size
5	Specifications (Load index,Speed Symbol,Pressure etc)
6	Pattern Name
7	Rim and Tyre Construction
8	Type of Tyre Service

Speed Symbol: indicates the speed at which the tyre can carry a load corresponding to its load index under service conditions specified by GTC

Speed Symbol	Speed (km/h)	Speed Symbol	Speed (km/h)
A1	5	B	50
A2	10	C	60
A3	15	D	65
A4	20	E	70
A5	25	F	80
A6	30	G	90
A7	35	J	100
A8	40		

Conversion Table: Star Rating to Ply Rating

Tyre Size	Transportation	Loading	Industrial
12.00R20★★			20
12.00R24★★		20	24
13.00R24★	14	14	
13.00R25★★★★	28		
14.00R24★		16	
14.00R24★★	28		
14.00R24★★★★	32	28	28
14.00R25★★★★	32		
15.5R25★	16		
16.00R25★★	36		32
16.00R25★★★★	40		
17.5R25★		16	
17.5R25★★	24	20	
18.00R25★★	36	36	
18.00R25★★★★			40
20.5R25★		24	
20.5R25★★	28	28	
20.5R25★★★★			36
23.5R25★		28	
23.5R25★★	32	32	
23.5R25★★★★			36

Tyre Size	Transportation	Loading	Industrial
26.5R25★		32	
26.5R25★★	32	36	
26.5R25★★★★			44
29.5R25★		34	
29.5R25★★	34	38	
29.5R25★★★★			48
29.5R29★		34	
29.5R29★★	40	40	
29.5R29★★★★			52
33.25R29★★	44		
18.00R33★★	40		
18.00R33★★★★			40
21.00R35★★	32		
35/65R33★★		42	
35/65R33★★★★		54	54
21.00R35★★	44		
24.00R35★★	48		
37.25R35★★	46		
27.0049★★	48		
33.00R51★★	68		

EARTHMOVER SERVICE

P9~15

E2



GLR35

E3



GLR01\GLR09pro\GLR12\GLR18\GLR29Pro\GLR32\GLR36Pro\GLR39\GLR55\GLR56\GLR57\GLR60

EARTHMOVER SERVICE

P15~19

E4



GLR04\GLR04Pro\GLR09\GLR09Pro\GLR17\GLR19\GLR50\GLR59\GLR60\ARP\ART\ARS

ARTICULATED DUMP TRUCKS

P20~23

E2



GLF02

E3



GLR06\GLR09\GLR18

E4



GLR06

LOADER AND DOZER SERVICE

P24~29

L2



GLR15\GLR30

L3



GLR02\GLR03\GLR06\GLR09\GLN01

L4



GLR06\GLR27\GLR28

LOADER AND DOZER SERVICE P29~30

L5/L5S



GLR08\GLR20\GLR20Pro\GLR61\GLS01

GRADER SERVICE

P31~34

G2



GLR15\GLR82\GLR35

G3/L3



GLR06\GLR09\GLN01

UNDERGROUND MINE MACHINES

P35~39

E4/L4



GLR26\GLR28\GLR27

L5



GLR08\GLR20\GLR61

L5S



GLS01

CRANES AND TRANSPORTATION VEHICLES

P40~43

High-Speed



GLB05\GLB07\GLN01\GLR35\GLR58

INDUSTRIAL SERVICE

P44~47

SAND SERVICE

P48~50

IND3



GLR02\GLR31\GLB06\GLB08

IND4



GLR07\GLR37

E2



GLR21

E7



GLF01\GLF02



	GLR35		GLR01	GLR09pro	GLR12	GLR18	GLR29Pro
E2		E3					
E3	GLR32	GLR36Pro	GLR39	GLR55	GLR56	GLR57	GLR60
							
E4	GLR04	GLR04Pro	GLR09	GLR09Pro	GLR17	GLR19	GLR50
							
E4	GLR59	GLR60	ARP	ART	ARS		
							

EARTHMOVER SERVICE

RADIAL OTR TYRES DATABOOK



GLR35 E2

- > Big transverse pattern block, pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.
- > Combining optimize profile theory with contact footprint and special tread compounding to reduce heat generating and improve heat resistance, meeting high speed operation requirements.

Tire Size	Type	Star Rating	Tread Depth (mm)
1400R25	TL/TT	★★	21



GLR01 E3

- > Robust transverse pattern block design, blocks mutually connected by the middle reinforcing ribs to provide good sidewall toughness.
- > Sidewall kurling ribs design can effectively protects the sidewall from external impacts and scratches.
- > Wide and deep transverse groove provide tire strong traction and grip.

Tire Size	Type	Star Rating	Tread Depth (mm)
18.00R25	TL/TT	★★	35



GLR09PRO E3

- > Compared to GLR09-E3, upgraded carcass steel cord materials are applied to greatly improve puncture and scratch resistance, allowing wider application in mixed and severe conditions.
- > Design of block connected by reinforcing rib at the bottom of grooves improve the overall stress distribution of the crown without compromising the original traction, grip and excellent stable handling.
- > Overall pattern design can improve the shape of tire crown contact area. Special compounding design, effectively solve the phenomenon of crown chipping and chunking in the middle and late stage, and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R24	TL/TT	★★★	26
14.00R25	TL/TT	★★★	26

EARTHMOVER SERVICE

RADIAL OTR TYRES DATABOOK



GLR12 E3

- > Robust transverse pattern block design, blocks mutually connected by the tie-bar to make the tire has a good toughness.
- > Sidewall kurling ribs design can effectively protects the sidewall from external impacts and scratches.
- > Wide and deep transverse groove provide tire strong traction and grip.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R20	TL/TT	★★	26
13.00R25	TL/TT	★★★	26
14.00R24	TL/TT	★★★	26
14.00R25	TL/TT	★★★	26



GLR18 E3

- > Special pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Strengthened shoulder kurling rib effectively protect sidewall from scratches, improve the overall service life of the tire.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.

Tire Size	Type	Star Rating	Tread Depth (mm)
29.5R29	TL	★★	43
33.25R29	TL	★★	45
37.25R35	TL	★★	48



GLR29PRO E3

- > Compared with GLR29-E3, it greatly improved puncture resistance and scratch resistance by using upgraded reinforcing material, and more widely used in multiple road conditions, like mixed, harsh and so on.
- > Design of block connected by reinforcing rib at the bottom of grooves improve the overall stress distribution of the crown without compromising the original traction, grip or excellent stable handling.
- > Overall pattern design can improve the shape of tire crown contact area. Special compounding design, effectively solve the phenomenon of crown chipping and chunking in the middle and late stage, and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
16.00R25	TL/TT	★★★	32

EARTHMOVER SERVICE

RADIAL OTR TYRES DATABOOK



EARTHMOVER SERVICE

RADIAL OTR TYRES DATABOOK



GLR32 E3

- > It greatly improved puncture resistance and scratch resistance by using upgraded reinforcing material, and more widely used in multiple road conditions, like mixed, harsh and so on.
- > Design of block connected by reinforcing rib at the bottom of grooves improve the overall stress distribution of the crown without compromising the original traction, grip or excellent stable handling.
- > Overall pattern design can improve the shape of tire crown contact area. Special compounding design, effectively solve the phenomenon of crown chipping and chunking in the middle and late stage, and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R25	TL/TT	★★★	26
16.00R25	TL/TT	★★★	29



GLR36PRO E3

- > The design of four pattern blocks effectively improves the tractive effort, holding force and dirt resistance of the pattern block, providing the tire a good trafficability.
- > The design of new frame material, reinforced sidewall reinforced kerbing rib and optimized crown contact shape effectively improves the tire bearing capacity and comprehensive performance.
- > The design of special pattern block and new tread formula adapts to the demand of fast driving operations, and effectively improves the production efficiency.

Tire Size	Type	Star Rating	Tread Depth (mm)
480/95R29	TL/TT	★★★	31



GLR39/GLR39pro E3

- > The design of transverse large block, bevel angle and groove inclination angle of tread pattern provides the tire with good tractive effort, holding force, and excellent controllability.
- > The design of new frame material, reinforced sidewall reinforced kerbing rib and optimized crown contact shape effectively improves the tire bearing capacity and comprehensive performance.
- > The design of special pattern block and new tread formula adapts to the demand of fast driving operations, and effectively improves the production efficiency.

Tire Size	Type	Star Rating	Tread Depth (mm)
16.00R25	TL/TT	★★★	29
480/95R29	TL/TT	★★★	36



GLR55 E3

- > The design of four pattern blocks effectively improves the tractive effort, holding force and dirt resistance of the pattern block, providing the tire a good trafficability.
- > The design of new frame material, reinforced sidewall reinforced kerbing rib and optimized crown contact shape effectively improves the tire bearing capacity and comprehensive performance.
- > The design of special pattern block and new tread formula adapts to the demand of fast driving operations, and effectively improves the production efficiency.

Tire Size	Type	Star Rating	Tread Depth (mm)
16.00R25	TL/TT	★★★	28



GLR56 E3

- > The design of four pattern blocks effectively improves the tractive effort, holding force and dirt resistance of the pattern block, providing the tire a good trafficability.
- > The design of new frame material, reinforced sidewall reinforced kerbing rib and optimized crown contact shape effectively improves the tire bearing capacity and comprehensive performance.
- > The design of special pattern block and new tread formula adapts to the demand of fast driving operations, and effectively improves the production efficiency.

Tire Size	Type	Star Rating	Tread Depth (mm)
18.00R25	TL/TT	★★★	31



GLR57 E3

- > The design of four pattern blocks effectively improves the tractive effort, holding force and dirt resistance of the pattern block, providing the tire a good trafficability.
- > The design of new frame material, reinforced sidewall reinforced kerbing rib and optimized crown contact shape effectively improves the tire bearing capacity and comprehensive performance.
- > The design of special pattern block and new tread formula adapts to the demand of fast driving operations, and effectively improves the production efficiency.

Tire Size	Type	Star Rating	Tread Depth (mm)
480/95R29	TL/TT	★★★	27

EARTHMOVER SERVICE

RADIAL OTR TYRES DATABOOK



GLR60 E3

- > The design of transverse large block, bevel angle and groove inclination angle of tread pattern provides the tire with good tractive effort, holding force, and excellent controllability.
- > The design of new frame material, reinforced sidewall reinforced kerbing rib and optimized crown contact shape effectively improves the tire bearing capacity and comprehensive performance.
- > The design of special pattern block and new tread formula adapts to the demand of fast driving operations, and effectively improves the production efficiency.

Tire Size	Type	Star Rating	Tread Depth (mm)
18.00R33	TL/TT	★★★	36



GLR04 E4

- > The separated, independent block tread pattern provides good traction, trafficability and self-cleaning.
- > Optimized contact shape, deep pattern and specialized tread compounds effectively extend service life.
- > Design of strengthened carcass and reinforced sidewall kerbing rib effectively protect sidewall and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
18.00R33	TL	★★	56
21.00R35	TL	★★	61
24.00R35	TL	★★	68



GLR04PRO E4

- > The separated, independent block tread pattern provides good traction, trafficability and self-cleaning.
- > Optimized contact shape, deep pattern and specialized tread compounds effectively extend service life.
- > Design of strengthened carcass and reinforced sidewall kerbing rib effectively protect sidewall and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
24.00R35	TL	★★	68

EARTHMOVER SERVICE

RADIAL OTR TYRES DATABOOK



GLR09 E4

- > Strengthened carcass and reinforced bulking protection sidewall design provides better puncture resistance and scratch resistance, suitable for multiple road conditions, like mixed, severe and so on.
- > Deepen block pattern design provides excellent traction, grip and super stable handling
- > Optimized contact area shape and specified compounding design provides excellent wear resistance and improve service life effectively.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R20	TL/TT	★★	32
13.00R25	TL/TT	★★★	32
18.00R25	TL/TT	★★	47
18.00R25	TL/TT	★★★	47



GLR09PRO E4

- > Compared to GLR09-E4, upgraded carcass steel cord materials are applied to greatly improve puncture and scratch resistance, allowing wider application in mixed and severe condition.
- > Design of block connected by reinforcing rib at the bottom of grooves improve the overall stress distribution of the crown without compromising the original traction, grip or excellent stable handling.
- 3> Overall pattern design can improve the shape of tire crown contact area. Special compounding design, effectively solve the phenomenon of crown chipping and chunking in the middle and late stage, and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R24	TL/TT	★★★★	38
14.00R25	TL/TT	★★★★	38
16.00R25	TL/TT	★★★★	43



GLR17 E4

- > Special pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Strengthened shoulder kerbing rib effectively protect sidewall from scratches, improve the overall service life of the tire.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.

Tire Size	Type	Star Rating	Tread Depth (mm)
37.25R35	TL	★★	54

EARTHMOVER SERVICE

RADIAL OTR TYRES DATABOOK



EARTHMOVER SERVICE

RADIAL OTR TYRES DATABOOK



GLR19 E4

- > Transverse groove design ensure resistance to impact damage, cutting damage, suitable for rocks, hard ore and other harsh road conditions.
- > Design and use of reinforcing carcass material plus sidewall kurling ribs can effectively protect the sidewall and improve service life.
- > Wider crown, coherent and deepening pattern block improve operator's comfort and safety.

Tire Size	Type	Star Rating	Tread Depth (mm)
18.00R33	TL	★★	50
24.00R35	TL	★★	68



GLR50 E4

- > The separated, independent block tread pattern provides good traction, trafficability and self-cleaning.
- > Optimized contact shape, deep pattern and specialized tread compounds effectively extend service life.
- > Design of strengthened carcass and reinforced sidewall kurling rib effectively protect sidewall and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
480/95R29	TL/TT	★★★	45



GLR59 E4

- > Transverse groove design ensure resistance to impact damage, cutting damage, suitable for rocks, hard ore and other harsh road conditions.
- > Design and use of reinforcing carcass material plus sidewall kurling ribs can effectively protect the sidewall and improve service life.
- > Wider crown, coherent and deepening pattern block improve operator's comfort and safety.

Tire Size	Type	Star Rating	Tread Depth (mm)
21.00R33	TL	★★	54



GLR60 E4

- > The design of transverse large block, bevel angle and groove inclination angle of tread pattern provides the tire with good tractive effort, holding force, and excellent controllability.
- > The design of new frame material, reinforced sidewall reinforced kurling rib and optimized crown contact shape effectively improves the tire bearing capacity and comprehensive performance.
- > The design of special pattern block and new tread formula adapts to the demand of fast driving operations, and effectively improves the production efficiency.

Tire Size	Type	Star Rating	Tread Depth (mm)
21.00R35	TL	★★	62
24.00R35	TL	★★	68



ARP E4

- > Robust transverse pattern block design, with blocks mutually connected by tie-bar provide tire good toughness, effectively improve overall stability and confort.
- > Combined circumferencial and transverse groove effectively prevent creep and lateral squeeze caused by lateral force, improve wear resistance and reduce internal friction and irregular wear at same time.
- > Innovative design of heat sink depth of crown pattern block to minimize heat generation and effectively improve TKPH value.

Tire Size	Type	Star Rating	Tread Depth (mm)
27.00R49	TL	★★	67



ART

- > Four forms pattern block effectively improve the traction, grip and self-cleaning and provide good passability.
- > The reinforced carcass, sidewall kurling rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > Excellent operation confort and special tread compound effectively improve productivity.

Tire Size	Type	Star Rating	Tread Depth (mm)
27.00R49	TL	★★	78



ARS

E4

- > Robust transverse pattern block design, with blocks mutually connected by tie-bar provide tire good toughness, effectively improve overall stability and confort.
- > Combined circumferencial and transverse groove effectively prevent creep and lateral squeeze caused by lateral force, improve wear resistance and reduce internal friction and irregular wear at same time.
- > Innovative design of heat sink depth of crown pattern block to minimize heat generation and effectively improve TKPH value.

Tire Size	Type	Star Rating	Tread Depth (mm)
27.00R49	TL	★★	78
30.00R51	TL	★★	76
33.00R51	TL	★★	83



ARTICULATED DUMP TRUCKS

RADIAL OTR TYRES DATABOOK



E2

GLF02



E3

GLR06



GLR09



GLR18



E4

GLR06



ARTICULATED DUMP TRUCKS

RADIAL OTR TYRES DATABOOK



GLF02

E7

- > The stepped, multi-block tread design avoids driving interference caused by soft sandy surfaces.
- > The rounded shoulder contour provides excellent off-road performance.
- > The multi-rock and rib pattern design provide efficient traction and flotation on sand.

Tire Size	Type	Star Rating	Tread Depth (mm)
29.5R25	TL	★★	21



GLR06

E3

- > The wide tread contact effectively reduces impact damage while providing maximum traction, making it more suitable for soft surfaces.
- > Lower inflation pressure design under the same load capacity as the 80 series enable to have a lower contact pressure, minimizes cutting and impact damage with greater flexibility.
- > Design of strengthened carcass and reinforced sidewall kerbing rib effectively protect sidewall and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
650/65R25	TL	★★	41
750/65R25	TL	★★	41
850/65R25	TL	★★	47
875/65R29	TL	★★	49



GLR09

E3

- > The lug pattern design provides excellent traction, grip and super stable handling.
- > Strengthened carcass and reinforced bulking protection sidewall design provide better puncture and scratch resistance for mixed and severe conditions.
- > Optimized contact area shape and specified compounding provide excellent wear resistance and effectively extend service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
20.5R25	TL	★★	33
23.5R25	TL	★★	36
26.5R25	TL	★★	38
29.5R25	TL	★★	43

ARTICULATED DUMP TRUCKS

RADIAL OTR TYRES DATABOOK



GLR18 E3

- > Special pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Strengthened shoulder kerbing rib effectively protect sidewall from scratches, improve the overall service life of the tire.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.

Tire Size	Type	Star Rating	Tread Depth (mm)
33.25R29	TL	★★	45



GLR06 E4

- > The four forms pattern block effectively improve the traction, grip and self-cleaning and provide good passability.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The excellent handling comfort and specialized tread compounds effectively improve productivity.

Tire Size	Type	Star Rating	Tread Depth (mm)
23.5R25	TL	★★	50
26.5R25	TL	★★	56
29.5R25	TL	★★	59
33.25R29	TL	★★	64



LOADER AND DOZER SERVICE



LOADER AND DOZER SERVICE

RADIAL OTR TYRES DATABOOK



L2

GLR15



GLR30



L3

GLR02



GLR03



GLR06



GLR09



GLN01



L4

GLR06



GLR27



GLR28



L5/L5S

GLR08



GLR20



GLR20Pro



GLR61



GLS01



LOADER AND DOZER SERVICE

RADIAL OTR TYRES DATABOOK



GLR15

L2

- > Special big angle block pattern provide excellent traction and handling performance.
- > The transverse large-groove block design provides excellent self-cleaning and good trafficability on soft sandy roads.
- > The reinforced carcass and prominent sidewall kerfing provide better puncture and scratch resistance for all road conditions.

Tire Size	Type	Load Index/Star Rating	Tread Depth (mm)
335/80R18	TL	134B/145A2	19
335/80R20	TL	141B/153A2	19
365/80R20	TL	136B/147A2	21
405/70R18	TL	141B/153A2	20
405/70R20	TL	143B/155A2	20
405/70R24	TL	146B/158A2	20
15.5R25	TL	★/★★	25



GLR30

L2

- > The widened tread effectively reduces impact damage and protects the crown and sidewalls from cuts, scratches and punctures.
- > The deeper, open patterns provide strong traction and self-cleaning in various conditions. The interconnecting blocks ensure driving comfort.
- > Special belt constructure and application of new rubber material satify operation requirement of driving fast on soft and hard road condition.

Tire Size	Type	Load Index/Speed Symbol	Tread Depth (mm)
445/70R19.5	TL	173A8/180A2	19
(18R19.5)			
445/70R22.5	TL	175A8/182A2	21
(18R22.5)			
445/65R22.5	TL	169F	21



GLR02

L3

- > The lug pattern design provides excellent traction, grip and super stable handling.
- > Optimized belt construction and compounding desin ensure excellent cutting resistance.
- > The optimized ground contact and compounds ensure excellent wear resistance.

Tire Size	Type	Star Rating	Tread Depth (mm)
20.5R25	TL	★/★★	28
23.5R25	TL	★/★★	35
26.5R25	TL	★/★★	36
29.5R25	TL	★/★★	51

LOADER AND DOZER SERVICE

RADIAL OTR TYRES DATABASE

LOADER AND DOZER SERVICE

RADIAL OTR TYRES DATABASE



GLR03 L3

- > The lug pattern design provides excellent traction, grip and super stable handling.
- > Optimized belt construction and compounding design ensure excellent cutting resistance.
- > The optimized ground contact and compounds ensure excellent wear resistance.

Tire Size	Type	Star Rating	Tread Depth (mm)
17.5R25	TL	★/★★	27



GLR06 L3

- > The four forms pattern block effectively improve the traction, grip and self-cleaning and provide good passability.
- > Lower inflation pressure design under the same load capacity as the 80 series enable to have a lower contact pressure, minimizes cutting and impact damage with greater flexibility.
- > Strengthened carcass and reinforced sidewall kerbing rib provide higher puncture resistance, scratch resistance and satisfy using requirement on all road conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
550/65R25	TL	★/★★	33
600/65R25	TL	★/★★	35
650/65R25	TL	★/★★	41
750/65R25	TL	★/★★	41
850/65R25	TL	★/★★	47
875/65R29	TL	★/★★	49



GLR09 L3

- > The lug pattern design provides excellent traction, grip and super stable handling.
- > The reinforced carcass and reinforced sidewall kerbing rib provide better puncture and scratch resistance for mixed and severe conditions.
- > Optimized contact area shape and specified compounding design provides excellent wear resistance and improve service life effectively.

Tire Size	Type	Star Rating	Tread Depth (mm)
17.5R25	TL	★/★★	29
20.5R25	TL	★/★★	33
23.5R25	TL	★/★★	36
26.5R25	TL	★/★★	38
29.5R25	TL	★/★★	43



GLN01 L3

- > Special pattern block having good self-cleaning performance provide very strong traction on snow.
- > Rib pattern and excellent synthetic rubber compounding for snow road condition, suitable for various road conditions with long service life.
- > Design of multi-block with sipes on each provide quite good grip and handling on snow and ice road surface.

Tire Size	Type	Star Rating	Tread Depth (mm)
17.5R25	TL	★/★★	27
20.5R25	TL	★/★★	27
23.5R25	TL	★/★★	34



GLR06 L4

- > The four forms pattern block effectively improve the traction, grip and self-cleaning and provide good passability.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The excellent handling comfort and specialized tread compounds effectively improve productivity.

Tire Size	Type	Star Rating	Tread Depth (mm)
23.5R25	TL	★★	50
26.5R25	TL	★★	56
29.5R25	TL	★★	59
33.25R29	TL	★★	64



GLR27 L4

- > The open block design with coherent transverse grooves widening from inside to outside allows for better stability, self-cleaning, grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The reinforced kerbing at the shoulder groove bottom effectively protects the groove bottom and sidewall from damage, making it more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
29.5R29	TL	★★★	65
35/65R33	TL	★★★	62

LOADER AND DOZER SERVICE

RADIAL OTR TYRES DATABOOK

LOADER AND DOZER SERVICE

RADIAL OTR TYRES DATABOOK



GLR28 L4

- > The design of widened crown and transverse groove ensures the resistance to impact, damage and cutting, and is suitable for the rock, hard ore and other poor road conditions.
- > The design of wider crown and gradually deepened pattern block improves the comfort and safety of the operator.
- > The design and application of reinforced carcass frame material and the design of sidewall reinforced kerbing rib effectively protect the sidewall and improve the service life of the tire.

Tire Size	Type	Star Rating	Tread Depth (mm)
26.5R25	TL	★★★	56
29.5R25	TL	★★★	59



GLR08 L5

- > The interlaced block pattern and square shoulder benefit control continuity and stability. The open patterns provide good grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The stone ejectors and sidewall kerbing effectively protect the groove bottom and sidewall from damage, making them more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
17.5R25	TL	★★	65
20.5R25	TL	★★	72
23.5R25	TL	★★	77
26.5R25	TL	★★	85
29.5R25	TL	★★	98



GLR20 L5

- > The open block design with coherent transverse grooves widening from inside to outside allows for better stability, self-cleaning, grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The reinforced kerfing at the shoulder groove bottom effectively protects the groove bottom and sidewall from damage, making it more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
35/65R33	TL	★★	95



GLR20PRO L5

- > The open block design with coherent transverse grooves widening from inside to outside allows for better stability, self-cleaning, grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The reinforced kerfing at the shoulder groove bottom effectively protects the groove bottom and sidewall from damage, making it more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
29.5R29	TL	★★	95



GLR61 L5

- > The open block design with coherent transverse grooves widening from inside to outside allows for better stability, self-cleaning, grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The reinforced kerfing at the shoulder groove bottom effectively protects the groove bottom and sidewall from damage, making it more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
26.5R25	TL	★★	85
29.5R25	TL	★★	98



GLS01 L5S

- > Wide tread reduce effectively impact damage and protect well sidewall from cutting, scratch, pucture.
- > Strengthened carcass constructure ensure stable performance during operating.
- > Special belt constructure and strengthened sidewall provide excellent cutting resistance on undermining severe road conditon.

Tire Size	Type	Star Rating	Tread Depth (mm)
12.00R20	TL	★★	58
12.00R24	TL	★★	58
14.00R24	TL	★★	60
17.5R25	TL	★★	76
18.00R25	TL	★★	86
26.5R25	TL	★★	95
35/65R33	TL	★★	99



G2/L2

GLR15



G2

GLR82



GLR35



G3/L3

GLR06



GLR09



GLN01





GLR15 G2/L2

- > Special big angle block pater provide excellent traction and handling.
- > The transverse large-groove block design provides excellent self-cleaning and good trafficability on soft sandy roads.
- > Design of strengthened carcass and reinforced sidewall kerbing rib ensure better puncture resistance, scratch resistance and satisfy requirements of all road conditoin.

Tire Size	Type	Load Index/Star Rating	Tread Depth (mm)
335/80R18	TL	134B/145A2	19
335/80R20	TL	141B/153A2	19
365/80R20	TL	136B/147A2	21
405/70R18	TL	141B/153A2	20
405/70R20	TL	143B/155A2	20
405/70R24	TL	146B/158A2	20
15.5R25	TL	★/★★	25



GLR82 G2

- > Big transvere pattern block, pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.
- > Combining optimize profile theory with contact footprint and special tread compounding to reduce heat generating and improve heat resistance, satisfying requirement of high speed operation.

Tire Size	Type	Star Rating	Tread Depth (mm)
13.00R24	TL	★	30
14.00R24	TL	★	30



GLR35 G2

- > Big transvere pattern block, pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.
- > Combining optimize profile theory with contact footprint and special tread compounding to reduce heat generating and improve heat resistance, satisfying requirement of high speed operation.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R24	TL	★	20



GLR06 G3\L3

- > Special multi-block pattern provide excellent traction and handling.
- > Transvere multi-block pattern provide excellent self-cleaning and good passibility on soft sand road.
- > Design of strengthened carcass and reinforced sidewall kerbing rib ensure better puncture resistance, scratch resistance and satisfy requirements of all road conditoin.

Tire Size	Type	Star Rating	Tread Depth (mm)
550/65R25	TL	★/★★	33
600/65R25	TL	★/★★	35
650/65R25	TL	★/★★	41
750/65R25	TL	★/★★	41
850/65R25	TL	★/★★	47
875/65R29	TL	★/★★	49



GLR09 G3\L3

- > The lug pattern design provides excellent tractiong, grip and super stable handling.
- > The reinforced carcass and reinforced sidewall kerbing rib provide better puncture and scratch resistance for mixed and severe conditions.
- > Optimized contact area shape and specified compounding design provides excellent wear resistance and inprove service life effectively.

Tire Size	Type	Star Rating	Tread Depth (mm)
17.5R25	TL	★/★★	29
20.5R25	TL	★/★★	33
23.5R25	TL	★/★★	36
26.5R25	TL	★/★★	38
29.5R25	TL	★/★★	43



GLN01 G3\L3

- > Special self-cleaning block provide very strong traction on snow and muddy road.
- > Combing rib and excellent snow sythetic rubber compounding make it applicable for multi-road condition and long service life.
- > Multi-block with sipes on each ensure quite good grip and handling perfor-mance on snow and ice road.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R24	TL	★	23
17.5R25	TL	★/★★	27
20.5R25	TL	★/★★	27
23.5R25	TL	★/★★	34



E4/L4

GLR26



GLR27



GLR28



L5

GLR08



GLR20



GLR061



L5S

GLS01



UNDERGROUND MINE MACHINES

RADIAL OTR TYRES DATABOOK

UNDERGROUND MINE MACHINES

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GLR26 E4/L4

- > The interlaced block pattern and square shoulder benefit control continuity and stability. The open patterns provide good grip and traction.
- > Sidewall kurling ribs design can effectively protects the sidewall from external impacts and scratches.
- > Wide and deep transverse groove provide tire strong traction and grip.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R24	TL	★★★	36



GLR27 E4/L4

- > The open block design with coherent transverse grooves widening from inside to outside allows for better stability, self-cleaning, grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > Reinforcing tie-bar at bottom of groove at shoulder area effectively protect bottom of groove and sidewall from damage, more suitable for high severe road condition.

Tire Size	Type	Star Rating	Tread Depth (mm)
29.5R29	TL	★★★★/ ★★★★	65
35/65R33	TL	★★★★/ ★★★★	62



GLR28 E4/L4

- > Special multi-block provide excellent traction and handling.
- > Transverse multi-block pattern make tire have excellent self-cleaning and good passability on soft sand road.
- > Strengthened carcass and reinforced sidewall kerbing rib provide higher puncture resistance, scratch resistance and satisfy using requirement on all road conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
26.5R25	TL	★★★★/ ★★★★	56
29.5R25	TL	★★★★/ ★★★★	59



GLR08 L5

- > The interlaced block pattern and square shoulder benefit control continuity and stability. The open patterns provide good grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The stone ejectors and sidewall kerbing effectively protect the groove bottom and sidewall from damage, making them more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
17.5R25	TL	★★	65
20.5R25	TL	★★	72
23.5R25	TL	★★	77
26.5R25	TL	★★	85
29.5R25	TL	★★	98



GLR20 L5

- > The open block design with coherent transverse grooves widening from inside to outside allows for better stability, self-cleaning, grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The reinforced kerbing at the shoulder groove bottom effectively protects the groove bottom and sidewall from damage, making it more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
35/65R33	TL	★★	95



GLR61 L5

- > The open block design with coherent transverse grooves widening from inside to outside allows for better stability, self-cleaning, grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The reinforced kerbing at the shoulder groove bottom effectively protects the groove bottom and sidewall from damage, making it more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
26.5R25	TL	★★	85
29.5R25	TL	★★	98



UNDERGROUND MINE MACHINES
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GLS01 L5S

- > Wide tread reduce impact damage effectively and protect well sidewall from scratch and puncture.
- > Strengthened carcass constrcture ensure tire perform stable when operating.
- > Special belt constructure and application of new rubber material satify operation requirement of driving fast on soft and hard road condition.

Tire Size	Type	Star Rating	Tread Depth (mm)
12.00R24	TL	★★	58
14.00R24	TL	★★	60
17.5R25	TL	★★	76
18.00R25	TL	★★	86
26.5R25	TL	★★	95



CRANES AND TRANSPORT VEHICLES





High-Speed

GLB05



GLB07



GLN01



High-Speed

GLR35



GLR58



GLB05 High-Speed

- > The closed, continuous shoulder pattern and optimized pitch reduce tire noise and improve high-speed performance.
- > With optimize profile theory, contact footprint and special tread compounding, avoid irregular wear and effectively improve service life.
- > Special compounding and steel framework reduce heat generation and improve heat resistance, satisfy requirement of high speed operation.

Tire Size	Type	Star Rating	Tread Depth (mm)
385/95R24 (14.00R24)	TL	★★★	20.5
385/95R25 (14.00R25)	TL	★★★	20.5
445/95R25 (16.00R25)	TL	★★	25
445/80R25 (17.5R25)	TL	★★	25
505/95R25 (18.00R25)	TL	★★	26
525/80R25 (20.5R25)	TL	★★	31



GLB07 High-Speed

- > The multi-block special ribbed design with optimized grooves effectively provides good driving force, avoids irregular wear, and meets high-speed use well.
- > The specialized rubber and steel carcass lower heat generation and increase heat resistance to meet high-speed needs. The optimal profile, contact patch and tread improve service life.
- > Block at tread edge with skid depth indicator, effectively reduce tire noise and easily identify using condition.

Tire Size	Type	Star Rating	Tread Depth (mm)
385/95R24 (14.00R24)	TL	★★★	23
385/95R25 (14.00R25)	TL	★★★	23
445/95R25 (16.00R25)	TL	★★	25



GLN01 High-Speed

- > Special self-cleaning pattern block provide very strong traction on snow road.
- > Rib and excellent snow sythetic rubber compounding , applicable for various road conditions and ensure good service life.
- > Multi-block with sipes on each provide very good grip and handling performance on snow and ice road.

Tire Size	Type	Star Rating	Tread Depth (mm)
385/95R24 (14.00R24)	TL	★★★	20
385/95R25 (14.00R25)	TL	★★★	20
445/95R25 (16.00R25)	TL	★★	23



GLR35 High-Speed

- > Big transverse pattern block, pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.
- > Combining optimize profile theory with contact footprint and special tread compounding to reduce heat generating and improve heat resistance, satisfying requirement of high speed operation.

Tire Size	Type	Star Rating	Tread Depth (mm)
365/85R20	TL	20PR	16.8
385/95R24 (14.00R24)	TL	★★★	20.5
385/95R25 (14.00R25)	TL	★★★	20.5



GLR58 High-Speed

- > Big transverse pattern block, pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.
- > Combining optimize profile theory with contact footprint and special tread compounding to reduce heat generating and improve heat resistance, satisfying requirement of high speed operation.

Tire Size	Type	Star Rating	Tread Depth (mm)
605/80R25 (23.5R25)	TL	★★★	27



IND3

IND4



GLR02



GLR31



GLB06



GLB08



GLR07



GLR37



GLR02 IND3

- > With patented technology of strengthening sidewall and carcass, reduce tire deformation under high pressure and high load, provides the support and stability operation needed. Super high strength body ply steel wire, special building procedure, effectively improve the density of steel wire in finished tires. It can meet the requirement of safety performance under the limit condition.
- > Compared with normal constructure, belt steel wire with higher strength (increased by over 35%) were used at crown area, ensure excellent safety under the condition of high pressure and high load. marks can effectively reduce the stress of the crown, and special technological design is adopted for the shoulder to meet the requirements of frequent or in-situ turning under heavy load.
- > Unique bead chafer ensure excellent bead strength, meet the bearing and fitting tight requirement under complex circumstances.

Tire Size	Type	Star Rating	Tread Depth (mm)
20.5R25	TL	★★★	28
23.5R25	TL	★★★	35
26.5R25	TL	★★★	36
29.5R25	TL	★★★	51



GLR31 IND3

- > The widened, large transverse block design effectively reduces impact damage and protects the crown and sidewalls from cuts, scratches and punctures.
- > Big tread block and excellent elastic carcass can provide remarkable traction, stability and handling safety under a variety of road conditions.
- > Special belt constructure and new rubber provide longer service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
355/65R18	TL	★★	26.5



GLB06 IND3

- > Unique crown and reinforced sidewall ensure resistance to cutting and scratch.
- > Combined wide and big square block with groove, excellent elastic carcass provide remarkable traction, stability and handling safety for tire used on straddle Carrier.
- > Dual tread (Cap/base) effectively reduce heat generation and improve tread wear and longer service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
16.00R25	TL	★★/★★★	51



GLB08 IND3

- > Unique crown and reinforced sidewall ensure resistance to cutting and scratch.
- > Combined wide and big square block with groove, excellent elastic carcass provide remarkable traction, stability and handling safety for tire used on straddle Carrier.
- > Dual tread (Cap/base) effectively reduce heat generation and improve tread wear and longer service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
12.00R20	TL/TT	★★	34
480/95R25	TL	★★★	50



GLR07 IND4

- > Wide, big and robust tread pattern, excellent elastic carcass provide remarkable traction, stability and handling safety.
- > Compared with normal constructure, reinforcing material with higher strength (increased by over 40%) were used, ensure excellent safety under the condition of high pressure and high load. Optimized contact footprint reduce effectively the stress of the crown. Special technological design is adopted in shoulder to meet the requirements of frequent or in-situ turning under heavy load.
- > Wide and big square block, excellent tread compoud, provide optimized wear resistance and longer service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
12.00R20	TL	★★★★	40
12.00R24	TL	★★★★	40
12.00R24	TL	★★★★	52
14.00R24	TL	★★★★	63
16.00R25	TL	★★★★	71
18.00R25	TL	★★★★	65
18.00R33	TL	★★★★	70



GLR37 IND4

- > Wide, big and robust tread pattern, excellent elastic carcass provide remarkable traction, stability and handling safety.
- > Compared with normal constructure, reinforcing material with higher strength (increased by over 40%) were used, ensure excellent safety under the condition of high pressure and high load. Optimized contact footprint reduce effectively the stress of the crown. Special technological design is adopted in shoulder to meet the requirements of frequent or in-situ turning under heavy load.
- > Wide and big square block, excellent tread compoud, provide optimized wear resistance and longer service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
18.00R25	TL	★★★★	65





E2

GLR21



E7

GLF01



GLF02



GLR21 E2

- > Robuster blocks connected by reinforcing tie-bar ensure better roughness.
- > Wide and deep transverse groove provide stronger traction and grip.Round shoulder profile provide excellent off-the-road performance
- > Strengthend carcass and lateral kerbing rib can protect sidewall from external impact and scratch.

Tire Size	Type	Load Index/ Speed Symbol	Tread Depth (mm)
24R21	TL	176G	25



GLF01 E7

- > Specially optimized tread design can avoid driving interference cuased by soft sand road condition.
- > Round shoulder profile provide excellent off-the-road performance.
- > Multi-block and rib pattern design provide higher grip and flotation on sand.

Tire Size	Type	Ply Rating	Tread Depth (mm)
14.00R20	TL	20PR	18
16.00R20	TL	28PR	18



GLF02 E7

- > Specially optimized tread design can avoid driving interference cuased by soft sand road condition.
- > Round shoulder profile provide excellent off-the-road performance.
- > Multi-block and rib pattern design provide higher grip and flotation on sand.

Tire Size	Type	Star Rating/ Ply Rating	Tread Depth (mm)
525/65R20.5	TL	20PR	17
24R20.5	TL	18PR	17
29.5R25	TL	★★	21

TECHNICAL DATA
RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height
					mm inch	mm inch	mm inch	mm inch	mm inch	mm inch		inch
18"												
335/80R18	GLR15	E-2	134B		988	325	441	360	19		TT/TL	11×18
		L-2	145A2		38.9	12.8	17.4	14.2	23.9			
405/70R18	GLR15	E-2	141B		1020	400	452	440	20		TT/TL	13×18
		L-2	153A2		40.2	15.7	17.8	17.3	25.2			
355/65R18	GLR31	Industrial Service	See Industrial Service page									
19.5"												
445/70R19.5 (18R19.5)	GLR30	G-2	173A8		1105	442	486	475	19		TL	14×19.5
		L-2	180A2		43.5	17.4	19.1	18.7	23.9			
20"												
12.00R20	GLS01	L-5S	171A2	★★	1170 46.1	310 12.2	528 20.8	364 14.3	58 73.1	391 15.4	TT/TL	8.5
	GLR07	Industrial Service	See Industrial Service page									
	GLB08											
	14.00R20	GLR12	E-3	164B	★★	1240 48.8	370 14.6	568 22.4	410 16.1	26 32.8	450 17.7	TT/TL
GLR09		E-4	1253 49.3			370 14.6	575 22.6	410 16.1	32 40.3	450 17.7		
		GLF01	E-7			See sand Service page						
335/80R20	GLR15	E-2	136B		1035	325	465	357	19		TT/TL	11×20
		L-2	147A2		40.7	12.8	18.3	14.1	23.9			
365/80R20	GLR15	E-2	141B		1085	355	481	389	21		TT/TL	11×20
		L-2	153A2		42.7	14.0	18.9	15.3	26.5			
365/85R20	GLR35	Mobile Crane Service	See Mobile Crane Service page									
405/70R20	GLR15	E-2	143B		1070	400	478	446	20		TT/TL	13×20
		L-2	155A2		42.1	15.7	18.8	17.6	25.2			
16.00R20	GLF01	E-7	See sand Service page									
20.5"												
525/65R20.5	GLF02	E-7	See sand Service page									
24R20.5	GLF02	E-7	See sand Service page									
21"												
24R21	GLR21	E-2	See sand Service page									
22.5"												
445/70R22.5 (18R22.5)	GLR30	G-2	175A8		1180	440	525	475	21.0		TL	14×22.5
		L-2	182A2		46.5	17.3	20.7	18.7	26.5			
445/65R22.5	GLR30	E-2	169F		1180 46.5	440 17.3	543 21.4	468 18.4	21.0 26.5		TL	14×22.5
24"												
12.00R24	GLS01	L-5S	175A2	★★	1260 49.6	305 12.0	573 22.6	364 14.3	58 73.1	391 15.4	TT/TL	8.5
	GLR07	Industrial Service	See Industrial Service page									
	GLR07+											

TECHNICAL DATA
RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height
					mm inch	mm inch	mm inch	mm inch	mm inch	mm inch		inch
13.00R24	GLR82	TG	146A8	★	1295	330	592	380	30		TL	8.00TG
		G-2			51.0	13.0	23.3	15.0	37.8	10.0		
14.00R24	GLR35	E-2	168B	★★	1360 53.5	376 14.8	608 23.9	420 16.5	20 25.2		TT/TL	10.00W
		G-2	153A8	★								10.00W
		TG										8.00TG
		GLR82	E-2	168B	★★							10.00W
14.00R24	GLR82	G-2	153A8	★	1360 53.5	376 14.8	608 23.9	420 16.5	30 37.8		TT/TL	10.00W
		TG			8.00TG							
	GLR09	E-3	169B	★★★★	1360 53.5	370 14.6	628 24.7	433 17.0	26 32.8	450 17.7	TT/TL	10.00W
	GLR12											
	GLR09	E-4			1384 54.5	370 14.6	638 25.1	432 17.0	38 47.9	450 17.7		
	GLR26	E-4			1398 55.0	370 14.6	642 25.3	430 16.9	36 45.4	450 17.7		
	GLS01	L-5S	186A2		1395 54.9	385 15.2	634 25.0	437 17.2	60 75.6			
	GLR07	Industrial Service	See Industrial Service page									
	385/95R24 (14.00R24)	GLB05	Mobile Crane Service	See Mobile Crane Service page								
GLB07												
GLN01												
GLR35												
405/70R24	GLR15	E-2	146B		1165	395	514	445	20		TL	13×24
		L-2	158A2		45.9	15.6	20.2	17.5	25.2			
25"												
13.00R25	GLR12	E-3	163B	★★★★	1298 51.1	328 12.9	600 23.6	390 15.4	26 32.8	420 16.5	TT/TL	8.5
	GLR09	E-4			1311 51.6	328 12.9	605 23.8	390 15.4	32 40.3	420 16.5		
14.00R25	GLR35	E-2	169B	★★★★	1360 53.5	375 14.8	626 24.6	420 16.5	21 25.2	450 17.7	TT/TL	10.00/2.0
	GLR09pro	E-3			1360 53.5	375 14.8	626 24.6	420 16.5	26 32.8	450 17.7		
	GLR12											
	GLR32											
	GLR09pro	E-4			1384 54.5	375 14.8	636 25.0	420 16.5	38 47.9	450 17.7		
385/95R25 (14.00R25)	GLB05	Mobile Crane Service	See Mobile Crane Service page									
	GLB07											
	GLN01											
	GLR35											

TECHNICAL DATA
RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height
					mm inch	mm inch	mm inch	mm inch	mm inch	inch		
15.5R25	GLR15	E-2	160E	★★	1270	385	563	436	25		TL	12.00/1.3
		L-2	176A2	★★	50.0	15.2	22.2	17.2	31.5			
		G-2	146A8	★								
16.00R25	GLR29pro	E-3	180B	★★★★	1514	428	694	501	32	513	TL	11.25/2.0
					59.6	16.9	27.3	19.7	40.3	20.2		
	GLR32	E-3			1509	440	693	505	29	513		
	GLR39				59.4	17.3	27.3	19.9	36.5	20.2		
	GLR55	E-3			1535	460	694	510	28	513		
					60.4	18.1	27.3	20.1	35.3	20.2		
	GLR62	E-3			1514	428	694	501	25	513		
					59.6	16.9	27.3	19.7	31.5	20.2		
	GLR09pro	E-4			1535	440	702	505	43	513		
					60.4	17.3	27.6	19.9	54.2	20.2		
445/95R25 (16.00R25)	GLR07	Industrial Service	See Industrial Service page									
	GLB06											
	GLB05		Mobile Crane Service	See Mobile Crane Service page								
	GLN01											
17.5R25	GLR03	E-2	167B	★★	1348	458	602	500	27	34.0	TL	14.00/1.5
		L-2	176A2	★								
			182A2	★★								
		G-2	153A8	★								
	GLR09	E-3	167B	★★	1340	440	598	510	29	34.0		
		L-3	176A2	★								
			182A2	★★								
		G-3	153A8	★								
	GLN01	E-2	167B	★★	1330	435	594	500	27	34.0		
		L-2	176A2	★								
		182A2	★★	52.4	17.1	23.4	19.7					
17.5R25	GLN01	G-2	153A8	★							TL	14.00/1.5
	GLR08	L-5	182A2	★★	1400	440	632	495	65			
	GLS01	L-5S			55.1	17.3	24.9	19.5	81.9			
					1380	435	626	487	76			
					54.3	17.1	24.6	19.2	95.7			
445/80R25 (17.5R25)	GLB05	Mobile Crane Service	See Mobile Crane Service page									
480/95R25	GLB08	Industrial Service	See Industrial Service page									
18.00R25	GLR01	E-3		★★	1613	520	740	575	35	590	TT/TL	13.00/2.5
	★★★			63.5	20.5	29.1	22.6	44.1	23.2			
	GLR09			★★	1600	495	736	565	33	590		
				★★★	63.0	19.5	29.0	22.2	41.6	23.2		
	GLR56	★★		1625	500	748	565	31	590			
		★★★		64.0	19.7	29.4	22.2	39.1	23.2			
	GLR09	E-4		★★	1650	495	754	565	47	590		
	★★★			65.0	19.5	29.7	22.2	59.2	23.2			
GLR19	★★	1650	495	754	565	47	590					
		★★★	65.0	19.5	29.7	22.2	59.2	23.2				
GLS01	L-5S	204A2	★★	1650	490	733	560	86				
				65.0	19.3	28.9	22.0	108.3				
18.00R25	GLR07	Industrial Service	See Industrial Service page									
	GLR37											

TECHNICAL DATA
RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height
					mm inch	mm inch	mm inch	mm inch	mm inch	mm inch		inch
505/95R25 (18.00R25)	GLB05	Mobile Crane Service	See Mobile Crane Service page									
20.5R25	GLR02	E-3	177B	★★	1460	508	636	603	28		TL	17.00/2.0
		L-3	186A2	★	57.5	20.0	25.0	23.7	35.3			
		Industrial Service		See Industrial Service page								
	GLR02+	E-3	177B	★★	1478	538	643	608	34		TT/TL	17.00/2.0
		L-3	186A2	★	58.2	21.2	25.3	23.9	42.8			
		GLR09	E-3	177B	★★	1470	508	640	603	33		
	L-3		186A2	★	57.9	20.0	25.2	23.7	41.6			
			193A2	★★								
	GLN01	E-3	177B	★★	1465	510	638	603	27			
		L-3	186A2	★	57.7	20.1	25.1	23.7	34.0			
	GLR08	L-5	193A2	★★	1530	525	680	605	72			
					60.2	20.7	26.8	23.8	90.7			
525/80R25 (20.5R25)	GLB05	Mobile Crane Service	See Mobile Crane Service page									
23.5R25	GLR02	E-3	185B	★★	1588	610	690	689	35		TL/TT	19.50/2.5
		L-3	195A2	★	62.5	24.0	27.2	27.1	44.1			
		Industrial Service		See Industrial Service page								
	GLR02+	E-3	185B	★★	1628	634	712	680	42		TL/TT	19.50/2.5
		L-3	195A2	★	64.1	25.0	28.0	26.8	52.9			
		GLR09	E-3	185B	★★	1600	595	700	695	36		
	L-3		195A2	★	63.0	23.4	27.6	27.4	45.4			
			201A2	★★								
	GLN01	E-3	185B	★★	1595	600	696	688	34			
		L-3	195A2	★	62.8	23.6	27.4	27.1	42.8			
	GLR06	E-4	185B	★★	1622	595	718	675	50			
		L-4	201A2		63.9	23.4	28.3	26.6	63.0			
23.5R25	GLR08	L-5	201A2	★★	1650	605	732	680	77		TL/TT	19.50/2.5
					65.0	23.8	28.8	26.8	97.0			
605/80R25 (23.5R25)	GLR58	Mobile Crane Service	See Mobile Crane Service page									
550/65R25	GLR06	L-3	182A2	★	1380	530	602	605	33		TL	17.00/2.0
			189A2	★★	54.3	20.9	23.7	23.8	41.6			
600/65R25	GLR06	L-3	187A2	★	1410	615	618	668	35		TL	19.50/2.5
			195A2	★★	55.5	24.2	24.3	26.3	44.1			
650/65R25	GLR06	E-3	180B	★★	1478	648	645	710	41		TL	19.50/2.5
		L-3	193A2	★	58.2	25.5	25.4	28.0	51.7			
			200A2	★★								
750/65R25	GLR06	E-3	190B	★★	1585	740	705	832	41		TL	24.00/3.0
		L-3	202A2	★	62.4	29.1	27.8	32.8	51.7			
			209A2	★★								
26.5R25	GLR02	E-3	193B	★★	1730	660	755	732	36		TL	22.00/3.0
		L-3	202A2	★	68.1	26.0	29.7	28.8	45.4			
		Industrial Service		see Industrial Service page								
	GLR02+	E-3	193B	★★	1748	686	762	735	46		TL	22.00/3.0
		L-3	202A2	★	68.8	27.0	30.0	28.9	58.0			

TECHNICAL DATA
RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height			
					mm inch	mm inch	mm inch	mm inch	mm inch	mm inch		inch			
26.5R25	GLR09	E-3	193B	★★	1730	660	755	732	38		TL	22.00/3.0			
		L-3	202A2	★	68.1	26.0	29.7	28.8	47.9						
			209A2	★★											
	GLR06	E-4	193B	★★	1730	660	751	732	56						
					68.1	26.0	29.6	28.8	70.6						
	GLR28	E-4	210A8	★★★★	1730	660	751	732	56						
		L-4	209A2	★★	68.1	26.0	29.6	28.8	70.6						
			214A2	★★★											
	GLR08	L-5	209A2	★★	1775	675	780	760	85						
GLR61	214A2		★★★	69.9	26.6	30.7	29.9	107.1							
GLS01	L-5S	209A2	★★	1775	675	788	760	95							
				69.9	26.6	31.0	29.9	119.7							
29.5R25	GLR02	E-3	200B	★★	1873	776	820	840	51		TL	25.00/3.5			
		L-3	208A2	★	73.7	30.6	32.3	33.1	64.3						
		Industrial Service		see Industrial Service page											
	GLR09	E-3	200B	★★	1850	745	805	835	43		TL	25.00/3.5			
		L-3	208A2	★	72.8	29.3	31.7	32.9	54.2						
			216A2	★★											
	GLR06	E-4	200B	★★	1856	770	826	840	59						
					73.1	30.3	32.5	33.1	74.3						
	GLR28	E-4	217A8	★★★★	1865	765	820	840	59						
		L-4	216A2	★★	73.4	30.1	32.3	33.1	74.3						
			221A2	★★★											
	GLR08	L-5	216A2	★★	1880	750	835	869	98						
			221A2	★★★	74.0	29.5	32.9	34.2	123.5						
			GLR61	216A2	★★	1905	750	840	869				95		
				221A2	★★★	75.0	29.5	33.1	34.2				123.5		
	GLF02	E-7	see sand Service page												
	850/65R25	GLR06	E-3	196B	★★	1720	810	735	920				47		TL
L-3			210A2	★	67.7	31.9	28.9	36.2	59.2						
			217A2	★★											
29"															
480/95R29	GLR36pro	E-3	190B	★★★	1635	480	745	530	31	580	TT/TL	13.00/2.5			
	GLR39pro				64.4	18.9	29.3	20.9	39.1	22.8					
	GLR57				1635	480	745	530	36	580					
		64.4	18.9	29.3	20.9	45.4	22.8								
	GLR50	E-4	190B	★★★	1628	480	743	530	27	580					
64.1					18.9	29.3	20.9	34.0	22.8						
29.5R29	GLR18	E-3	202B	★★	1960	745	862	841	43		TL	25.00/3.5			
		L-3	211A2	★	77.2	29.3	33.9	33.1	54.2						
			218A2	★★											
	Industrial Service		see Industrial Service page												
	GLR27	E-4	202	★★	2000	760	880	846	65		TL	25.00/3.5			
			219A8	★★★★											
		L-4	218A2	★★	78.7	29.9	34.6	33.3	81.9						
				225A2									★★★★		

TECHNICAL DATA
RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height
					mm Inch	mm Inch	mm Inch	mm Inch	mm Inch	mm Inch		Inch
29.5R29	GLR20pro	L-5	218A2	★★	2010	794	880	846	95		TL	25.00/3.5
			225A2	★★★	79.1	31.3	34.6	33.3	119.7			
33.25R29	GLR18	E-3	209B	★★	2060	860	925	950	45		TL	27.00/3.5
	GLR06	E-4			81.1	33.9	36.4	37.4	56.7			
					2080	845	930	945	64	80.6		
875/65R29	GLR06	E-3	203B	★★	1860	860	802	920	49		TL	27.00/3.5
		L-3	214A2	★	73.2	33.9	31.6	36.2	61.7			
			221A2	★★								
33"												
18.00R33	GLR60	E-3	191B	★★	1828	500	848	575	36	587	TL	13.00/2.5
	GLR04	E-4	195B	★★★	72.0	19.7	33.4	22.6	45.4	73.2		
			191B	★★	1850	490	848	575	56	587		
			195B	★★★	72.8	19.3	33.4	22.6	70.6	73.2		
	GLR19	191B	★★	1850	490	848	575	50	587			
GLR07	Industrial Service	195B	★★★	72.8	19.3	33.4	22.6	63.0	73.2			
21.00R33	GLR59	E-4	200B	★★	1960	560	905	650	54	701	TL	15.00/3.0
35/65R33	GLR27	E-4	203B	★★★	77.2	22.0	35.6	25.6	68.0	27.6		
		L-4	225A8	★★★★	2062	900	922	970	62			
			224A2	★★	81.2	35.4	36.3	38.2	78.1			
	GLR20	L-5	229A2	★★★								
			224A2	★★	2062	900	912	970	95			
			229A2	★★★	81.2	35.4	35.9	38.2	119.7			
	GLS01	L-5S	224A2	★★	2070	900	912	970	95			
229A2			★★★	81.5	35.4	35.9	38.2	124.7				
35"												
21.00R35	GLR04	E-4	201B	★★	2050	565	938	655	61	701	TL	15.00/3.0
	GLR60	204B	★★★	80.7	22.2	36.9	25.8	76.9	27.6			
		E-4	201B	★★	2074	580	942	660	62	701		
			204B	★★★	81.7	22.8	37.1	26.0	78.1	27.6		
24.00R35	GLR04	E-4	209B	★★	2160	645	980	734	68	795	TL	17.00/3.5
	GLR04pro		209B	★★	85.0	25.4	38.6	28.9	85.7	31.3		
	GLR19		209B	★★								
	GLR60		209B	★★	2180	666	980	734	68	795		
			212B	★★★	85.8	26.2	38.6	28.9	85.7	31.3		
37.25R35	GLR18	E-3	218B	★★	2360	946	1056	1063	48		TL	31.00/4.0
	GLR17	E-4			92.9	37.2	41.6	41.9	60.5			
49"												
27.00R49	ARP	E-4	223B	★★	2700	750	1235	870	67	895	TL	19.50/4.0
	ART				106.3	29.5	48.6	34.3	84.4	35.2		
	ARS				2720	750	1239	870	78	895		
51"												
30.00R51	ARS	E-4	230B	★★	2880	845	1315	960	76	995	TL	22.00/4.5
					113.4	33.3	51.8	37.8	95.7	39.2		

TECHNICAL DATA
 RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height
					mm inch	mm inch	mm inch	mm inch	mm inch	mm inch		inch
33.00R51	ARS	E-4	235B	★★	3050 120.1	920 36.2	1390 54.7	1040 40.9	83 104.6	1075 42.3	TL	24.00/5.0
INDUSTRIAL SERVICE												
18"												
355/65R18	GLR31	Industrial Service	173A5		919 36.2	355 14.0	395 15.6	390 15.4	26.5 33.4	420 16.5	TT/TL	9.75×18
20"												
12.00R20	GLR07	Industrial Service	176A5	★★	1120 44.1	305 12.0	505 19.9	360 14.2	40 50.4	380 15.0	TT/TL	8.5×20
	GLB08				1120 44.1	305 12.0	505 19.9	360 14.2	34 42.8	380 15.0		
24"												
12.00R24	GLR07	Industrial Service	178A5	★★★	1222 48.1	305 12.0	548 21.6	351 13.8	40 50.4	391 15.4	TL	8.5
	GLR07+				1250 49.2	305 12.0	564 22.2	351 13.8	52 65.5	391 15.4		
14.00R24	GLR07	Industrial Service	193A5	★★★	1404 55.3	386 15.2	624 24.6	445 17.5	65 79.4	480 18.9		10.00W
25"												
16.00R25	GLB06	Industrial Service	200A5	★★	1495 58.9	420 16.5	664 26.1	495 19.5	51 64.3	513 20.2	TL	11.25/2.0
	GLR07				1510 59.4	420 16.5	670 26.4	495 19.5	71 89.4	513 20.2		
480/95R25	GLB08	Industrial Service	206A7	★★★	1540 60.6	450 17.7	675 26.6	530 20.9	50 63.0		TL	13.00/2.5
18.00R25	GLR07plus GLR37	Industrial Service	207A5	★★★	1648 64.9	486 19.1	730 28.7	580 22.8	65 81.9	600 23.6	TL	13.00/2.5
20.5R25	GLR02	Industrial Service	201A5	★★★	1460 57.5	508 20.0	635 25.0	608 23.9	28 35.3		TL	17.00/2.0
23.5R25	GLR02	Industrial Service	208A5	★★★	1588 62.5	610 24.0	692 27.2	690 27.2	35 44.1		TL	19.50/2.5
26.5R25	GLR02	Industrial Service	217A5	★★★	1730 68.1	660 26.0	750 29.5	735 28.9	36 45.4		TL	22.00/3.0
29.5R25	GLR02	Industrial Service	224A5	★★★	1873 73.7	776 30.6	832 32.8	845 33.3	51 64.3		TL	25.00/3.5
29"												
29.5R29	GLR18	Industrial Service	225A5	★★★	1960 77.2	745 29.3	868 34.2	844 33.2	43 54.2		TL	25.00/3.5
33"												
18.00R33	GLR07	Industrial Service	219A5	★★★	1828 72.0	475 18.7	801 31.5	580 22.8	70 88.2	600 23.6	TL	13.00/2.5
MOBILE CRANE SERVICE(HIGH-SPEED)												
20"												
365/85R20	GLR35	Mobile Crane Service	164G	20PR	1128 44.4	365 14.4	517 20.4	398 15.7	16.8 21.2	420 16.5	TL	10.00-2.0

TECHNICAL DATA
 RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height	
					mm inch	mm inch	mm inch	mm inch	mm inch	mm inch		inch	
24"													
385/95R24 (14.00R24)	GLB05 GLR35	Mobile Crane Service	170E	★★★	1365 53.7	385 15.2	628 24.7	422 16.6	20.5 25.6	450 17.7	TL	10.00W	
	GLB07				1365 53.7	385 15.2	628 24.7	422 16.6	23 29.0	450 17.7			
	GLN01				1352 53.2	380 15.0	625 24.6	420 16.5	20 25.2	450 17.7			
25"													
385/95R25 (14.00R25)	GLB05 GLR35	Mobile Crane Service	170F	★★★	1365 53.7	385 15.2	630 24.8	422 16.6	20.5 25.6	450 17.7	TL	10.00/1.5	
			170E		53.7	15.2	24.8	16.6	29.0	17.7			
	GLB07		170F		1365 53.7	385 15.2	630 24.8	422 16.6	23 29.0	450 17.7			
	GLN01		170E		1355 53.3	380 15.0	626 24.6	420 16.5	20 25.2	450 17.7			
			170E		1355 53.3	380 15.0	626 24.6	420 16.5	20 25.2	450 17.7			
			170F		53.3	15.0	24.6	16.5	25.2	17.7			
445/95R25 (16.00R25)	GLB05	Mobile Crane Service	174F 177E	★★	1476 58.1	440 17.3	686 27.0	475 18.7	25 31.5	513 20.2	TL	11.25/2.0	
	GLB07		174F 177E		1476 58.1	436 17.2	686 27.0	474 18.7	25 31.5	513 20.2			
			GLN01		174F 177E	1472 58.0	436 17.2	685 27.0	475 18.7	23 29.0			513 20.2
					445/80R25 (17.5R25)	GLB05	Mobile Crane Service	170F 170E	★★	1330 52.4			450 17.7
505/95R25 (18.00R25)	GLB05	Mobile Crane Service	186E	★★	1585 62.4	505 19.9	745 29.3	565 22.2	26 32.8	587 23.1	TL	13.00/2.5	
525/80R25 (20.5R25)	GLB05	Mobile Crane Service	176F 179E	★★	1472 58.0	525 20.7	675 26.6	578 22.8	31 39.1		TL	17.00/2.0	
605/80R25 (23.5R25)	GLR58	Mobile Crane Service	188E	★★	1610 63.4	610 24.0	742 29.2	695 27.4	27 34.0		TL	19.50/2.5	
SAND SERVICE													
20"													
14.00R20	GLF01	E-7	164G	20PR	1230 48.4	370 14.6	570 22.4	410 16.1	18 22.7	450 17.7	TT/TL	10.00W	
16.00R20	GLF01	E-7	167D	28PR	1305 51.4	405 15.9	582 22.9	473 18.6	18 22.7	520 20.5	TT/TL	11.25	
20.5"													
525/65R20.5	GLF02	E-7	173F	20PR	1195 47.0	525 20.7	548 21.6	546 21.5	17 21.4		TL	16.00×20.5	
24R20.5	GLF02	E-7	176F	16PR	1378 54.3	605 23.8	628 24.7	672 26.5	17 21.4		TL	18.00×20.5	
21"													
24R21	GLR21	E-2	176G		1378 54.3	600 23.6	632 24.9	642 25.3	25 31.5		TT/TL	18.00/1.5	
25"													
29.5R25	GLF02	E-7	196E	★★	1820 71.7	745 29.3	818 32.2	830 32.7	21 26.5		TL	25.00/3.5	

LOAD AND INFLATION PRESSURE TABLES

RADIAL OTR TYRES DATABASE

Size	Pattern	Application Max.Speed	Tyre Load Limits at Various Cold Inflation Pressures															
		km/h mph																
18"																		
355/80R18			kpa	275	300	325	350	375										
			psi	40	44	47	51	54										
	GLR15	E/M 50 30	★ kg lbs	1650 3630	1750 3860	1900 4180	2000 4400	2120 4670										
		Loader 10 5	★ kg lbs	2250 4960	2450 5400	2600 5730	2750 6060	2900 6390										
405/70R18	GLR15	E/M 50 30	★ kg lbs	1800 3970	1900 4190	2000 4410	2100 4630	2575 5680										
		Loader 10 5	★ kg lbs	2430 5350	2575 5680	2725 6000	2900 6400	3650 8050										
	GLR31	IND	See Industrial Service page															
	19.5"																	
445/70R19.5 (18R19.5)			kpa	350	400	450	500	550	600	650	700	750						
			psi	51	58	65	73	80	87	94	102	109						
	GLR30	E/M 40 25	★ kg lbs	3290 7250	3690 8130	4010 8840	4335 9550	4655 10260	5295 11670	5615 12370	6100 13440	6500 14330						
		Loader 10 5	★ kg lbs	4050 8920	4545 10020	4940 10890	5335 11760	5730 12630	6520 14370	6915 15240	7505 16540	8000 17630						
20"																		
12.00R20			kpa	525	550	575	600	625	650	675	700	725	750	775	800	825		
			psi	76	80	83	87	91	94	98	102	105	109	112	115	120		
	GLS01	Loader 10 5	★ kg lbs	4375 9650	4500 9900	4625 10200	4875 10700	5000 11000	5150 11400	5300 11700	5450 12000	5600 12300	5800 12800	5900 13000	6000 13200	6150 13600		
	GLR07 GLB08	IND	See Industrial Service page															
14.00R20			kpa	450	475	500	525	550	575	600	625	650	675	700				
			psi	65	69	73	76	80	83	87	91	94	98	102				
	GLR09 GLR12	E/M 50 30	★ kg lbs	3550 7850	3750 8250	3875 8550	4000 8800	4125 9100	4250 9350	4375 9650	4625 10200	4750 10500	4875 10700	5000 11000				
	GLF01	Sand	See sand Service page															
335/80R20			kpa	275	300	325	350	375										
			psi	40	44	47	51	54										
	GLR15	E/M 50 30	★ kg lbs	1800 4000	1900 4200	2000 4400	2100 4700	2240 4940										
		Loader 10 5	★ kg lbs	2430 5350	2575 5700	2725 6000	2900 6400	3075 6780										
365/80R20	GLR15	E/M 50 30	★ kg lbs	2060 4500	2180 4800	2300 5100	2430 5400	2575 5700										
		Loader 10 5	★ kg lbs	2900 6400	3075 6800	3250 7150	3450 7600	3650 8000										
	GLR35	High-Speed	See Mobile Crane Service page															
	405/70R20	GLR15	E/M 50 30	★ kg lbs	2180 4800	2300 5100	2430 5400	2575 5700	2725 6000									
Loader 10 5			★ kg lbs	3075 6800	3250 7150	3450 7600	3650 8000	3875 8550										
GLF01		Sand	See sand Service page															

LOAD AND INFLATION PRESSURE TABLES

RADIAL OTR TYRES DATABASE

Size	Pattern	Application Max.Speed	Tyre Load Limits at Various Cold Inflation Pressures																
		km/h mph																	
20.5"																			
525/65R20.5	GLF02	E-7	See sand Service page																
24R20.5	GLF02	E-7	See sand Service page																
21"																			
24R21	GLR21	E-2	See sand Service page																
22.5"																			
445/70R22.5 (18R22.5)			kpa	350	400	450	500	550	600	650	700	750							
			psi	51	58	65	73	80	87	94	102	109							
	GLR30	E/M	★																
		40	kg	3490	3915	4010	4600	5280	5620	5960	6475	6900							
		25	lbs	7690	8630	8840	10140	11640	12390	13140	14270	15210							
GLR30	Loader	★																	
	10	kg	4300	4825	5245	5665	6505	6925	7345	7975	8500								
	5	lbs	9480	10630	11560	12490	14340	15260	16190	17580	18730								
445/65R22.5			kpa	350	400	450	500	550	600	650	700	750							
			psi	51	58	65	73	80	87	94	102	109							
	GLR30	E/M	★																
		80	kg	3250	3600	3950	4250	4600	4900	5200	5500	5800							
		50	lbs	7150	7940	8700	9350	10150	10800	11450	12130	12800							
24"																			
12.00R24			kpa	525	550	575	600	625	650	675	700	725	750	775	800	825			
			psi	76	80	83	87	91	94	98	102	105	109	112	115	120			
	GLS01	Loader	★																
		10	kg	4875	5150	5300	5450	5600	5800	6000	6150	6300	6500	6500	6700	6900	★★		
		5	lbs	11000	11400	11700	12000	12300	12800	13200	13600	13900	14300	14300	14700	15200			
12.00R24	GLR07 GLR07+	IND	See Industrial Service page																
13.00R24			kpa	200	225	250	275	300	325	350	375								
			psi	29	33	36	40	44	47	51	54								
	GLR82	Grader	★																
		40	kg	1850	2000	2180	2360	2500	2650	2800	3000								
		25	lbs	4080	4400	4800	5200	5520	5840	6150	6600								
14.00R24			kpa	200	225	250	275	300	325	350	375								
			psi	29	33	36	40	44	47	51	54								
	GLR35 GLR82	Grader	★																
			40	kg	2240	2430	2650	2800	3000	3250	3350	3650							
			25	lbs	5360	5840	6150	6600	7150	7400	8050								
			kpa	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800	
			psi	65	69	73	76	80	83	87	91	94	98	102	105	109	112	115	
	GLR82 GLR09 GLR12	E/M	★																
		50	kg	4000	4125	4375	4500	4625	4750	5000	5150	5600	5700	5800					
		30	lbs	8800	9100	9650	9900	10200	10500	11000	11400	11700	12000	12800					
GLS01	Loader	★																	
		10	kg	5950	6200	6450	6700	6950	7200	7450	7700	7950	8200	8450	8700	8950	9200	9500	
		5	lbs	13120	13700	14220	14800	15300	15900	16400	16980	17500	18080	19600	19180	19690	20680	20900	
GLR26 GLS01	Underground Mine Machine	★																	
		kg	3850	4050	4300	4550	4800	5050	5300	5750	6200	6350	6550	6850	7250				
		lbs	8450	8900	9450	10000	10500	11100	11600	12600	13600	14000	14400	15100	15900				
14.00R24	GLR07	IND	See Industrial Service page																
385/95R24 (14.00R24)	GLB05 GLB07 GLN01 GLR35	High-Speed	See Mobile Crane Service page																
405/70R24			kpa	275	300	325	350	375											
			psi	40	44	47	51	54											
	GLR15	E/M	★																
			50	kg	2180	2300	2430	2820	3000										
			30	lbs	4800	5100	5400	5700	6600										
GLR15	Loader	★																	
		10	kg	3075	3250	3450	3985	4250											
		5	lbs	6800	7150	7600	8000	9350											

LOAD AND INFLATION PRESSURE TABLES

RADIAL OTR TYRES DATABASE

Size	Pattern	Application	Tyre Load Limits at Various Cold Inflation Pressures																		
		Max.Speed km/h mph																			
25"																					
13.00R25			kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102							
	GLR09 GLR12	E/M	★	★										★★★							
		50	kg	3350	3550	3650	3750	3875	4125	4250	4375	4500	4625	4875							
		30	lbs	7400	7850	8050	8250	8550	9100	9350	9650	9900	10200	10700							
14.00R25	GLR09pro GLR12 GLR32 GLR35	E/M	★	★										★★★							
		50	kg	4000	4125	4375	4500	4625	4750	5000	5150	5300	5450	5800							
		30	lbs	8800	9100	9650	9900	10200	10500	11000	11400	11700	1200	12800							
	GLB05 GLB07 GLN01 GLR35	High-Speed	See Mobile Crane Service page																		
15.5R25			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94		
	GLR15	E/M	★	★										★★							
		50	kg	2800	3000	3150	3350	3550	3650	3875	4000	4250	4375	4500							
		30	lbs	6150	6600	6950	7400	7850	8050	8550	8800	9350	9650	9900							
	Loader	★	★										★★								
		10	kg							5000	5150	5450	5600	5800	6150	6300	6500	6700	6900	7100	
	5	lbs							11000	11400	12000	12300	12800	13600	13900	14300	14800	15200	15700		
				kpa psi	125 18	150 22	175 25	200 29	225 33	250 36	275 40	300 44									
16.00R25	GLR09pro GLR29pro GLR32 GLR39 GLR55 GLR62	E/M	★	★										★★				★★★			
		50	kg	5150	5450	5600	5800	6000	6300	6500	6700	6900	7100	7300	7450	7600	7750	8000			
		30	lbs	11400	12000	12300	12800	13200	13900	14300	14800	15200	15700	16100	16400	16700	17100	17600			
	GLR07 GLB06	IND	See Industrial Service page																		
445/95R25 (16.00R25)	GLB05 GLB07 GLN01	High-Speed	See Mobile Crane Service page																		
17.5R25			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94		
	GLR03 GLR09 GLN01	E/M	★	★										★★							
		50	kg	3350	3550	3750	4000	4125	4375	4625	4750	5000	5150	5450							
		30	lbs	7400	7850	8250	8800	9100	9650	10200	10500	11000	11400	12000							
	GLR03 GLR09 GLR08 GLS01 GLN01	Loader	★	★										★★							
		10	kg							6000	6150	6500	6700	7100	7300	7500	7750	8000	8250	8500	
		5	lbs							13200	13600	14300	14800	15700	16100	16500	17100	17600	18200	18700	
			kpa psi	125 18	150 22	175 25	200 29	225 33	250 36	275 40	300 44										
GLR03 GLR09 GLN01	Grader	★	★																		
		40	kg	1850	2120	2360	2650	2900	3075	3350	3650										
	25	lbs	4080	4680	5200	5840	6400	6800	7400	8050											
445/80R25 (17.5R25)	GLB05	High-Speed	See Mobile Crane Service page																		
480/95R25	GLB08	IND	See Industrial Service page																		

LOAD AND INFLATION PRESSURE TABLES

RADIAL OTR TYRES DATABASE

Size	Pattern	Application	Tyre Load Limits at Various Cold Inflation Pressures																	
		Max.Speed km/h mph																		
18.00R25			kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102	725 105	750 108	775 112	800 116		
	GLR01 GLR09 GLR19 GLR56	E/M	★	★								★★				★★★				
		50	kg	6700	7100	7300	7500	7750	8000	8250	8500	8750	9000	9250	9500	9700	9950	10300		
		30	lbs	14800	15700	16100	16500	17100	17600	18200	18700	19300	19800	20400	20900	21300	21900	22700		
			kpa psi	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102	725 105	750 109	775 112	800 115	825 120				
	GLS01	Loader 10 5	★ kg lbs	11200 24700	11800 26000	12150 26800	12500 27600	12850 28300	13200 29100	13600 30000	14000 30900	14500 32000	15000 33100	15000 33100	15500 34200	16000 35300				
	GLR07 GLR37	IND	See Industrial Service page																	
505/95R25 (18.00R25)	GLB05	High-Speed	See Mobile Crane Service page																	
20.5R25			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	
	GLR02 GLR02+ GLR09 GLN01	E/M	★	★								★★								
		50	kg	4375	4750	5000	5300	5600	5800	6150	6500	6700	6900	7300						
		30	lbs	9650	10500	11000	11700	12300	12800	13600	14300	14800	15200	16100						
	GLR02 GLR02+ GLR09 GLN01 GLR08	Loader	★	★															★★	
		10	kg							8000	8250	8750	9000	9500	9750	10000	10300	10900	11200	11500
		5	lbs							17600	18200	19300	19800	20900	21500	22000	22700	24000	24700	25400
	GLR02	IND	See Industrial Service page																	
525/80R25 (20.5R25)	GLB05	High-Speed	See Mobile Crane Service page																	
23.5R25			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	
	GLR02 GLR02+ GLR09 GLN01 GLR06	E/M	★	★								★★								
		50	kg	5600	6000	6500	6700	7100	7500	7750	8250	8500	9000	9250						
		30	lbs	12300	13200	14300	14800	15700	16500	17100	18200	18700	19800	20400						
	GLR02 GLR02+ GLR09 GLN01 GLR08 GLR06	Loader	★	★															★★	
		10	kg							10300	10600	11200	11500	12150	12500	12850	13200	13600	14000	14500
		5	lbs							22700	23400	24700	25400	26800	27600	28300	29100	30000	30900	32000
	GLR02	IND	See Industrial Service page																	
605/80R25 (23.5R25)	GLR58	High-Speed	See Mobile Crane Service page																	
550/65R25			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91		
	GLR06	Loader 10 5	★ kg lbs							7500 16500	7750 17100	8250 18200	8500 18700	8750 19300	9250 20400	9500 20900	9750 21500	10000 22000	10300 22700	
600/65R25			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91		
	GLR06	Loader 10 5	★ kg lbs							8750 19300	9000 19800	9500 20900	9750 21500	10300 22700	10600 23400	10900 24000	11500 25400	11800 26000	12150 26800	

LOAD AND INFLATION PRESSURE TABLES

RADIAL OTR TYRES DATABASE

Size	Pattern	Application Max.Speed	Tyre Load Limits at Various Cold Inflation Pressures																		
		km/h mph																			
650/65R25			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91			
	GLR06	E/M 50 30	★ kg lbs	★★																	
				5700 12600	6100 13400	6500 14300	6900 15200	7250 1600	7600 16800	8000 17600											
	GLR06	Loader 10 5	★ kg lbs									10000 22000	10600 23400	10900 24000	11500 25400	11800 26000	12500 27600	12850 28300	13200 29100	13600 30000	14000 30900
750/65R25			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91			
	GLR06	E/M 50 30	★ kg lbs	★★																	
				7600 16700	8100 17800	8650 18100	9150 20100	9650 21200	10100 22200	10600 23400											
	GLR06	Loader 10 5	★ kg lbs									13200 29100	13600 30000	14500 32000	15000 33100	15500 34200	16000 35300	16500 36400	1700 37500	17500 38600	18500 40800
26.5R25			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94		
	GLR02 GLR02+ GLR06 GLR09	E/M 50 30	★ kg lbs	★								★★									
				7100 15700	7500 16500	8000 17600	8500 18700	9000 19800	9500 20900	9750 21500	10300 22700	10600 23400	11200 24700	11500 25400							
			kpa psi	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102	725 105	750 109	775 112	800 116		
	GLR02 GLR02+ GLR06 GLR09 GLR28 GLS01 GLR61	Loader 10 5	★ kg lbs	★								★★								★★★	
				13200 29100	14000 30900	14500 32000	15000 33100	15500 34200	16000 35300	16500 36400	17000 37500	18000 39700	18500 40800	18700 41200	19200 42300	19700 43400	20200 44500	20700 45600	21200 46700		
			kpa psi	300 44	400 58	450 65	500 73	550 80	600 87	650 94	700 102	750 109	800 116								
	GLR28 ★★★★	E/M 40 25	★ kg lbs	★★★★																	
9000 19800				11200 24700	12500 27600	13200 29100	14500 32000	15500 34200	16500 36400	17000 37500	18000 39700	19000 41900	Underground Tansport Machine								
GLR02	IND		See Industrial Service page																		
29.5R25			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94		
	GLR02 GLR06 GLR09	E/M 50 30	★ kg lbs	★								★★									
				8500 18700	9250 20400	9750 21500	10300 22700	10900 24000	11500 25400	11800 26000	12500 27600	12850 28300	13600 30000	14000 30900							
			kpa psi	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102	725 105	750 109	775 112	800 116		
	GLR02 GLR06 GLR08 GLR09 GLR28 GLR61	Loader 10 5	★ kg lbs	★								★★								★★★	
				16000 35300	17000 37500	17500 38600	18000 39700	19000 41900	19500 43000	20000 44100	20600 45400	21200 46700	22400 49400	22700 50000	23300 51400	23900 52700	24500 54000	25100 55300	25750 56800		
			kpa psi	300 44	400 58	450 65	500 73	550 80	600 87	650 94	700 102	750 109	800 116								
	GLR28 ★★★★	E/M 40 25	★ kg lbs	★★★★																	
10900 24000				13600 30000	15000 33000	16000 35300	17500 38600	18500 40800	19500 43000	20600 45400	21800 48100	23000 50700	Underground Tansport Machine								
GLR02	IND		see Industrial Service page																		
GLF02	E-7		see sand Service page																		

LOAD AND INFLATION PRESSURE TABLES

RADIAL OTR TYRES DATABASE

Size	Pattern	Application Max.Speed	Tyre Load Limits at Various Cold Inflation Pressures																		
		km/h mph																			
850/65R25			kpa	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625			
			psi	40	44	47	51	54	58	62	65	69	73	76	80	83	87	91			
	GLR06	E/M	★	★★																	
		50 30	kg lbs	9000 19800	9600 21200	10200 22500	10800 23800	11300 24900	11900 26200	12500 27600											
GLR06	Loader	★											★			★★					
	10 5	kg lbs							16500 36400	17500 38600	18000 39700	19000 41900	19500 43000	20600 45400	21200 46700	21800 48100	22400 49400	23000 50700			
29"																					
480/95R29			kpa	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800			
			psi	65	69	73	76	80	83	87	91	94	98	102	106	109	113	116			
	GLR36pro GLR39pro GLR57 GLR50	E/M	★	★										★★				★★★			
		50	kg	6800	7100	7300	7600	7900	8100	8400	8700	8900	9200	9500	9700	10000	10250	10500			
30		lbs	14800	15500	16000	16600	17300	17700	18400	19000	19500	20100	20800	21200	21900	22400	23000				
29.5R29			kpa	275	300	325	350	375	400	425	450	475	500	525							
			psi	40	44	47	51	54	58	62	65	69	73	76							
	GLR18 GLR27	E/M	★	★										★★							
		50 30	kg lbs	9000 19800	9750 21500	10300 22700	10900 24000	11500 25400	12150 26800	12500 27600	13200 29100	13600 30000	14500 32000	15000 33100							
			kpa	400	425	450	475	500	525	550	575	600	625	650	700	750	800				
			psi	58	62	65	69	73	76	80	83	87	91	94	102	109	116				
	GLR18 GLR27 GLR20pro	Loader	★	★										★★				★★★			
10 5		kg lbs	16500 36400	17000 37500	18000 39700	18500 40800	19500 43000	20000 44100	20600 45400	21200 46700	22400 49400	23000 50700	23600 52000	25750 56800	27250 60000	29000 64000					
		kpa	300	400	450	500	550	600	650	700	750	800									
		psi	44	58	65	73	80	87	94	102	109	116									
GLR27 ★★★★	E/M	★											★★★★				Underground Tansport Machine				
	40 25	kg lbs	11800 26000	14500 32000	16000 35300	17000 37500	18500 40800	19500 43000	20600 45400	21800 48100	23000 50700	24300 53600									
	GLR18	IND	see Industrial Service page																		
33.25R29			kpa	275	300	325	350	375	400	425	450	475	500	525							
			psi	40	44	47	51	54	58	62	65	69	73	76							
	GLR18 GLR06	E/M	★	★										★★							
50 30		kg lbs	11200 24700	12150 26800	12850 28300	13600 30000	14000 30900	15000 33100	15500 34200	16500 36400	17000 37500	17500 38600	18500 40800								
875/65R29			kpa	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625			
			psi	40	44	47	51	54	58	62	65	69	73	76	80	83	87	91			
	GLR06	E/M	★	★★																	
		50 30	kg lbs	11100 24500	11900 26200	12600 27800	13400 29500	14100 31100	14800 32600	15500 34200											
GLR06	Loader	★											★			★★					
	10 5	kg lbs							18500 40800	19500 43000	20600 45400	21200 46700	21800 48100	23000 50700	23600 52000	24300 53600	25000 55100	25750 56800			
33"																					
18.00R33			kpa	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800			
			psi	65	69	73	76	80	83	87	91	94	98	102	105	108	112	116			
	GLR04 GLR19 GLR60	E/M	★	★										★★				★★★			
		50 30	kg lbs	7750 17000	8000 17600	8500 18700	8750 19300	9000 19800	9250 20300	9750 21500	10000 22000	10300 22700	10600 23300	10900 24000	11200 24700	11500 25300	11800 26000	12150 26800			
GLR07		IND	see Industrial Service page																		
21.00R33			kpa	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800			
			psi	65	69	73	76	80	83	87	91	94	98	102	105	108	112	116			
	GLR59	E/M	★	★										★★				★★★			
50 30		kg lbs	10000 22000	10300 22700	10900 24000	11200 24700	11500 25400	11800 26000	12500 27600	12850 28300	13200 29100	13600 30000	14000 30900	14300 31500	14700 32400	15100 33300	15500 34200				
35/65R33			kpa	450	475	500	525	550	575	600	625	650	700	750	800						
			psi	65	69	73	76	80	83	87	91	94	102	109	116						
	GLR27 GLR20 GLS01	Loader	★	★										★★			★★★				
10 5		kg lbs	21200 46700	22400 49400	23000 50700	23600 52000	25000 55100	25750 56800	26500 58400	27250 60000	28000 61500	30000 66000	31500 69500	32500 71500							

LOAD AND INFLATION PRESSURE TABLES

RADIAL OTR TYRES DATABASE

Size	Pattern	Application Max.Speed km/h mph	Tyre Load Limits at Various Cold Inflation Pressures															
			kpa psi	500 73	550 80	600 87	650 94	700 102	750 109	800 116								
35/65R33	GLR27 ★★★★	E/M	★	★★★★														
		40	kg	20000	21200	23000	24300	25750	27250	29000								
		25	lbs	44100	46700	50700	53600	56700	60000	63900	Underground Tansport Machine							
35"																		
21.00R35	GLR04	E/M	kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102	725 105	750 108	775 112	800 116
		50	★	★★★★														
		30	kg lbs	10300 22700	10600 23400	11200 24700	11500 25400	11800 26000	12500 27600	12850 28300	13200 29100	13600 30000	14000 30900	14500 32000	14900 32800	15300 33700	15700 34600	16000 35300
24.00R35	GLR04 GLR04Pro GLR19 GLR60	E/M	kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102	725 105	750 108	775 112	800 116
		50	★	★★★★														
		30	kg	13200	13600	14000	14500	15500	16000	16500	17000	17500	18000	18500	18800	19300	19600	20000
		30	lbs	29100	30000	30900	32000	34200	35300	36400	37500	38600	39700	40800	41400	42500	43200	44100
		30	lbs	29100	30000	30900	32000	34200	35300	36400	37500	38600	39700	40800	41400	42500	43200	44100
37.25R35	GLR18 GLR17	E/M	kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76				
		50	★	★★★★														
		30	kg lbs	14500 32000	15500 34200	16500 36400	17500 38600	18500 40800	19500 43000	20600 45400	21200 46700	22400 49400	23000 50700	23600 52000				
49"																		
27.00R49	ARP ART	E/M	kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102				
		50	★	★★★★														
		30	kg lbs	19500 43000	20000 44100	20600 45400	21800 48100	22400 49400	23000 50700	23600 52000	25000 55100	25750 56800	26500 58400	27250 60000				
51"																		
30.00R51	ARS	E/M	kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102				
		50	★	★★★★														
		30	kg lbs	23600 52000	25000 55100	25750 56800	26500 58400	28000 61500	29000 64000	30000 66000	30750 68000	31500 69500	32500 71500	33500 74000				
33.00R51	ARS	E/M	kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102				
		50	★	★★★★														
		30	kg lbs	27250 60000	29000 64000	30000 66000	30750 68000	32500 71500	33500 74000	34500 76000	35500 78500	36500 80500	37500 82500	38750 85500				
INDUSTRIAL SERVICE																		
18"																		
355/65R18	GLR31	load wheel	kpa psi	km/h mph	0 stractic	Creep	5 3	10 5	15 9	20 12	25 15	30 19						
		1000 145	kg lbs	9350 20600	8100 17850	7500 16500	7000 15400	6750 14900	6600 14550	6500 14300	6300 13900							
		Steering wheel	1000 145	kg lbs	11700 25800	10400 22900	9400 20700	8750 19300	8450 18600	8250 18200	8100 17850	7900 17400						
20"																		
12.00R20	GLR07 GLB08	load wheel	kpa psi	km/h mph	0 stractic	Creep	5 3	10 5	15 9	20 12	25 15	30 19	35 22					
		1000 145	kg lbs	10730 23650	9230 20350	8230 20350	7500 20350	6750 20350	6600 20350	6500 20350	6300 20350	6100 20350	5900 20350					
		Steering wheel	1000 145	kg lbs	9230 20350	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	
24"																		
12.00R24	GLR07 GLR07+	load wheel	kpa psi	km/h mph	0 stractic	Creep	5 3	10 5	15 9	20 12	25 15	30 19	35 22					
		1000 145	kg lbs	12420 27385	11040 34345	10005 22060	9750 21500	9750 21500	9750 21500	9750 21500	9750 21500	9750 21500	9750 21500					
		Steering wheel	1000 145	kg lbs	9935 21910	9750 21500	8830 19475	8005 17650	7500 16500	7500 16500	7500 16500	7500 16500	7500 16500	7500 16500	7500 16500	7500 16500	7500 16500	

LOAD AND INFLATION PRESSURE TABLES

RADIAL OTR TYRES DATABASE

Size	Pattern	Application Max.Speed	Tyre Load Limits at Various Cold Inflation Pressures																
		km/h mph	kpa psi	km/h mph	0 stractic	Creep	5 3	10 5	15 9	20 12	25 15	30 19							
14.00R24				1000 145	kg lbs	18000 39690	16000 35280	14500 31970	13500 29765	13000 28665	12500 27560	11500 25360	11000 24250						
	GLR07	load wheel	1000 145	kg lbs	14400 31750	12800 28225	11600 25580	10800 23815	10400 22930	10160 22400	10000 22050	9920 21875							
		Steering wheel																	
25"																			
16.00R25				1000 145	kg lbs	21870 48225	19440 42865	17615 38845	16400 36165	15795 34825	15065 33220	14000 30900	12460 27475						
	GLB06 GLR07	load wheel	1000 145	kg lbs	18200 40140	17495 38580	15550 34290	14095 31075	14000 30900	14000 30900	14000 30900	14000 30900	14000 30900						
		Steering wheel																	
480/95R25				1000 145	kg lbs	24480 53970	21760 47970	19720 43470	18360 40470	18000 39680	17850 39350	17000 37500	16355 27475	15725 34660					
	GLB08	Straddle carrier																	
18.00R25				1000 145	kg lbs	31500 69400	28000 61700	25300 55700	23600 52000	22750 50100	22200 48900	21850 48100	21350 47000						
	GLR07 GLR37	load wheel	1000 145	kg lbs	25200 55500	21850 48100	20300 44700	18900 41600	18200 40100	17850 39300	17500 38500	17000 37400							
		Steering wheel																	
20.5R25				800 116	kg lbs	20800 45800	18500 40800	16800 37000	15700 34600	15100 33300	14700 32400	14500 32000							
	GLR02	Idustrial Service																	
23.5R25				800 116	kg lbs	25900 57100	23000 50700	20800 45900	19400 42800	18700 41200	18300 40300	18000 39700							
	GLR02	Idustrial Service																	
26.5R25				800 116	kg lbs	33100 73000	29400 64800	26680 58800	24800 54700	23900 52700	23350 51500	23000 50700							
	GLR02	Idustrial Service																	
29.5R25				800 116	kg lbs	40000 88200	35800 78900	32480 71600	30200 66600	29100 64200	28400 62600	28000 61700							
	GLR02	Idustrial Service																	
29"																			
29.5R29				800 116	kg lbs	41700 91900	37100 81800	33600 74100	31300 69000	30100 66400	29400 64800	29000 63900							
	GLR18 ★★★	Idustrial Service																	
33"																			
18.00R33				1000 145	kg lbs	38150 84000	33900 74700	30700 67600	28600 63000	27550 60700	26900 59300	26500 58400	25850 56900						
	GLR07	load wheel	1000 145	kg lbs	30500 67200	26500 58400	24600 54200	22900 50400	22000 48500	21600 47500	21200 46700	20550 45300							
		Steering wheel																	
MOBILE CRANE SERVICE(HIGH-SPEED)																			
20"																			
365/85R20				830 120	kg lbs	12500 27600	11500 25400	10500 23100	9000 19800	8250 18100	7500 16500	6250 13700	5750 12600	5600 12300	5500 12100	5350 11800	5200 11400	5000 11000	4500 9900
	GLR35	High-Speed																	
24"																			
385/95R24 (14.00R24)				900 131	kg lbs	17700 39000	1440 31700	12700 28100	11000 24300	9850 21700	8900 19600	7800 17200	7450 16400	7100 15600	6700 14800	6000 13200	4925 10800	4200 9250	3600 7950
	GLB05 GLB07 GLN01 (170E)	High-Speed																	

RADIAL OTR TYRES DATABOOK

RADIAL OTR TYRES DATABOOK

1. Tyre and Rim

- (1) Check carefully before tyre mounting to see if the rim sizes are identical to those marked on sidewalls.
- (2) The tyre should be fitted as much as possible to standard rims or allowable rim range.
- (3) The tyre should not be fitted to deformed rims or non-conformity rims.

WARNING: Deformed rims or non-conformity rims will result in premature tyre toe failure or blow out to hurt People.

2. Inflated Pressure

- (1) Rules should be followed to inflate the tyre (Figure1)
- (2) It is not appropriate to inflate the tyre over pressure and then release the air to standard pressure.
- (3) Check the tyre pressure regularly and replenish when the air pressure is not found Sufficient.

WARNING: Tyre under-pressure will cause decreased loading capacity, easy cord breaking and dangerous blow out ,Tyre overpressure will cause cord strength loss and dangerous blow out.

3. Load

- (1) Select the tyre of corresponding ply rating and load based on the vehicles, standard loading capacity.
- (2) The tyre of low ply rating can not bear high load. The tyre load can not be increased by the increase of inflated pressure.
- (3) The load should be distributed evenly on the vehicle. (Figure2)

WARNING: Overload will cause a serious injury to the tyre or the people. The vehicle with the load unevenly distributed will cause some of tyres serious overload, which is one of the factors causing accidents.

4. Speed

The tyre should match the vehicle in operating speed and operate in the range of specified speed for vehicle.
WARNING: Over speed will cause quicker tread wear, rapid heat build up, tyre strength deterioration, separations and even tyre blow out.

5. Tyre Mounting

- (1) Tyres of same specifications, ply ratings and tread patterns must be mounted on the same axle. The original tyre differs from the replaced tyre in height not more than 3%.
- (2)Dual tyre rim ventilating holes should be in alignment with each other. Tyre valves should be positioned at 1800 to each other. Dual spacing should be more than 20mm under static load.
- (3) Tyre toe-in should be adjusted to a standard value.
- (4) When the old tube is used, its outer circumference should not be over 92% of the inner circumference of the tyre. It is recommended that the old tube with more than 2 repair patches should not remain in use.
- (5) The rim should be tightly and evenly bolted into position.
- (6) As to tyres of directional tread patterns, the direction marked on sidewalls should be identical to the direction of vehicle travel.

WARNING: Tyres of different specifications, ply ratings and tread patterns mounted on the same axle will deteriorate comprehensive tyre performances. Smaller dual spacing will cause easy heat build up due to the friction between two tyres and cause premature tyre failure. The tyre toe-in poorly adjusted will cause vehicle,s poor directivity, tyre side slip, severe tread wear and increased fuel cost. Too big circumference of the old tube will cause the tube folded inside the tyre and tyre blow out.

6. Pre-ride of Tyres

When new tyres have been mounted, the pre-ride should be taken below 50km/h for 200km for normal tyres .Through the pre-ride new tyres will adapt to deformation, remove the stress caused during manufacturing, decrease heat build up and extend tyre performance life.

7. Others

- (1) Quick start up, urgent braking, sharp turning, striking by sharp obstacles, contacts with corrosives and oil contaminants, operation in high temperature, etc. will cause premature tyre failures.
- (2) Tyres should be well maintained and regularly shifted (Figure 3). The sharp obstacles punctured into tyres or the stones clogged in tread channels should be removed immediately.
- (3) When the tyre tread has worn out to the extent specified, stop using it.
- (4) If there is any problem regarding tyre quality, please do not hesitate to contact the tyre dealers or us to enable solving the problems immediately.

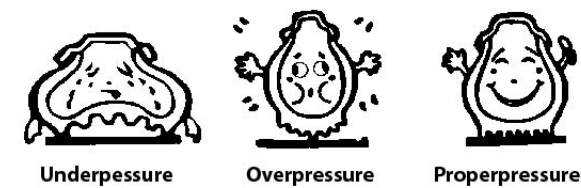


Figure 1

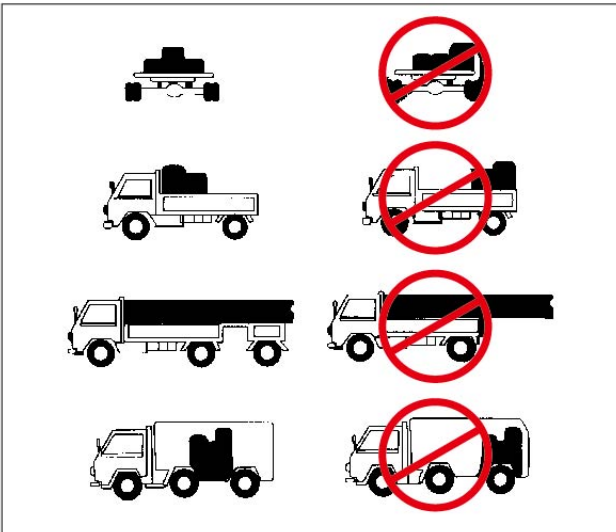


Figure 2

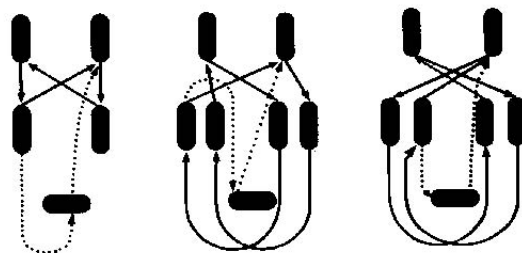


Figure 3