SAFETY PRECAUTIONS CONCERNING MOUNTING, DEMOUNTING AND OPERATION

WARNING

Tire and rim servicing can be dangerous, and should be performed only by trained personnel using proper tools and procedures. Failure to comply with these procedures may result in faulty positioning of the tire and/or rim, and cause the assembly to burst with explosive force, sufficient to cause serious physical injury or death.

DEMOUNTING

1. BEFORE DEMOUNTING

- Always exhaust all air from a single tire and from both tires of a dual assembly prior to removing any wheel components such as nuts and rim clamps.
- A broken rim part under pressure can blow apart and cause serious injury or death.
- Make sure to remove valve core to exhaust all air from the tire. Remove both cores from a dual assembly. (When you remove the wheel lugs, if the tire is still under pressure, the assembly may fly apart.)
- Check the valve stem by running a piece of wire through the stem to make sure it is not plugged. (Foreign material may clog the valve stem during deflation or ice may form as the air leaves the tire, clogging the valve stem.)

2. DURING DEMOUNTING

- Demounting tools apply pressure to rim flanges to unseat tire beads, and keep your fingers clear. Always stand to one side and hold the tool with one hand when you apply hydraulic pressure. (If the tool slips off, it can fly with enough force to cause serious injury or death.)
- Do not use tools in the vicinity of the flange butt weld.

3. AFTER DEMOUNTING

- Clean rims and repaint to stop detrimental effects of corrosion and facilitate checking and tire mounting. Be very careful to clean all dirt and rust from the lock ring and gutter. This is important to secure the lock ring in its proper position. A filter on the air inflation equipment to remove the moisture from the air line helps prevent corrosion. The filter should be checked periodically to see that it is working properly. (Parts must be clean for a proper fit - particularly the gutter section which holds the lock ring in its proper position.)

MOUNTING

1. BEFORE MOUNTING

- Check rim components for cracks. Replace all cracked, badly worn, damaged and severely rusted component with new parts of the same size and type. When a components is in doubt, replace it. (Parts that are cracked, damaged or excessively corroded are weakened. Bent or repaired parts may not engage properly.)
- Do not, under any circumstance, attempt to rework, weld, heat or braze any rim component that is cracked, broken or damaged. Replace with a new part that is not cracked, broken or damaged and which is of the same size and type. (Heating may weaken a part to extent that it is unable to withstand forces of inflation or operation.)
- Check type of rim and make sure all parts of such rim are being assembled properly. Follow instruction manual of rim or ask your distributor if you have any doubts.(Mismatched parts may appear to fit, but when the tire is inflated they may fly apart with explosive force.)
- Mixing parts of one type rim with those of another is potentially dangerous. Always check rim with manufacturer for approval.
- Remove rust, dirt and other foreign matter from the rim surface, particularly on the bead seats and O-ring slot.
- Clean the inside of the tire.
- Make sure tube and flap are correct and not damaged for tube type tires.
- Always prepare a new O-ring for tubeless tires.
- Do not reinflate a tire that has been run flat or has been run at 80% or less of its recommended operating pressure, or when there is obvious or suspected damage to the tire or wheel components. (Components may have been damaged or dislocated during the time the tire was run flat or seriously under-inflated.)

2. DURING MOUNTING AND INFLATION

- Do not try to seat rings or other components by hammering while tire is inflated or partially inflated.
- Double check to make sure all components are properly seated prior to inflation.
- Do not inflate tire before all components are properly in place. Place in safety cage or use a restraining device and inflate to approximately 0.35 kg/ cm^2 (5 psi), recheck components for proper assembly. Observe that O-ring does not roll out of its groove. If assembly is not performed properly, deflate and correct. Never hammer or an inflated on partially inflated tire/rim assembly. If assembly is correct at approximately 0.35 kg/cm^2 (5 psi), continue to inflate fully to seat the tire beads.
- Never sit or stand in front of a tire and rim assembly that is being inflated. Always use a clip-on chuck with a sufficient length of hose to permit the person inflating the tire to stand clear of the potential trajectory of the wheel components, and use an in-line valve with gauge or a pressure regulator preset to a desired value when inflating a tire. When a tire is in a restraining device, do not lean any part of your body or equipment on or against the restraining device. (If parts are improperly installed they may fly apart with explosive force.)
- Never attempt to weld on an inflated tire/rim assembly or on a rim assembly with a deflated tire. (Heat from welding will cause a sudden, drastic increase in pressure, resulting in an explosion with the force of a bomb. Deflated tires can catch fire inside the air chamber.)

3. AFTER INFLATION

- Make sure no air leakage can be suspected, especially in tubeless tires.

OPERATION

- Do not use under-inflated tires.
- Do not bleed or reduce air pressure to compensate for the increase in pressure resulting from operation.
- Do not use under-size rims. Use recommended rim for the tire.
- Do not overload or over-inflate tire/rim assemblies. Check for adequate rim strength if special operating conditions are required. (Excessive overload can cause damage to the tire and rim assembly.)
- Never run a vehicle on one tire of a dual assembly. (The carrying capacity of the single tire and rim is dangerously exceeded, and operating a vehicle in this manner can result in damage to the rim and tire or cause a tire fire.)
- Never use a tube in a tubeless tire/rim assembly where the rim is suspected of air leakage. (Loss of air pressure through fatigue cracks or other fractures in a tubeless rim warns you of a potential rim failure. This safety feature is lost when tubes are used with leaking rims. Continued use may cause the rim to burst with explosive force.)
- Always inspect rims and wheels for damage during tire checks. (Early detection of potential rim failure may prevent serous injury.)
- Never add or remove an attachment or otherwise modify a rim (Especially by heating, welding or brazing) unless the tire has been removed and approval has been received from the rim manufacturer. (Modification or heating of a rim or one of its parts may weaken it so that it cannot withstand forces created by inflation or operation.)
- Never mount bias tire and radial tire on the same axle. Follow vehicle manufacturer's recommendation.
- Never use tire under unintended service conditions for the tire. Please consult YOKOHAMA if vehicle operation requires specialized tire fitment.

Specifications subject to change without notice.

OFF-THE-ROAD TIRES LINEUP

GET YOUR JOB DONE ANYWHERE IN THE WORLD

08, 2017
CE227
HB-TP
01

Yokohama City, 1917 marked the birth
of YOKOHAMA RUBBER Co., Ltd.
With the aim to develop high-performance
rubber domestically, YOKOHAMA RUBBER
set a course to support Japan's modernization
and contribute to the country's position
in the global market.

With the spirit that spearheaded a revolution,
YOKOHAMA developed innovative products
and technologies that the world embraced.
One cog in a global machine that continues
to bring the world new and innovative products.

And the future holds a tapestry of innovations,
spun with technology and history
that is exclusively YOKOHAMA.

PIONEERING YOKOHAMA

YOKOHAMA

TIMELINE

1910s
- Yokohama Rubber Established (1917)


Hiranuma Plant


Hama Town

1920s
- Japan's first corded tire developed in Hama Town
- The Hiranuma Plant destroyed in the Great Kanto Earthquake

1930s
- The first tire was produced at the Yokohama plant


Yokohama Plant

1940s
- Yokohama plant is destroyed by the allied forces

1950s
- Construction of Hiratsuka plant begins
- Bus and truck tire development (Hama King)
- Develop Japan's first nylon corded tire
- Nylon corded airplane tires produced domestically


Hiratsuka Plant

1960s
- Truck and Bus High-Speed tire debut (High-speed Y98)
- Developed the Y-490 drag-racing slicks
- Developed Japan's first privately produced jet airplane tires

1970s
- Launched sales of G.T. SPECIAL SEALEX, offering automatic puncture-sealing—a first for Japan
- Began sales of Japan's first truck and bus steel snow radial
- Rally cars with G.T. SPECIAL tires won the Safari Rally Championship and the Southern Cross Rally—winning the latter five years in a row
- Launched sales of ADVAN HF for passenger cars
- Launched worldwide development of truck tires (40.00-57 60PR/200t Dump Truck Tire)


SEALEX


ADVAN HF


ASPEC


GRANDPRIX

1980s
- Launched the ASPEC GRANDPRIX
- Launched the ADVAN HF Type-D, half slick half unsymmetrical patterned tire
- Became the exclusive supplier of official tires for the 1st Macao F3 Grand Prix
- Approved for use with the Porsche 911
- Launch of the Truck/Bus STEM series radial, with performance based on the "load-state general performance theory"

1990s
- Launched a new tread without straight grip on the ADVAN NEOVA AD05/AD06
- Launched the GEOLANDAR A/T for recreational vehicles
- Launched the first of the fuel-efficient DNA series domestically


GEOLANDAR

2000s
- Places in 24 Hours of Le Mans GT Class
- Team TAISON wins the 24 Hours of Le Mans Prototype Class with ADVAN Tires
- Established ADVAN worldwide as YOKOHAMA's global flagship brand
- Launched the truck/bus air-pressure monitoring system HiTES
- Launched the fuel-efficient, low-maintenance ZEN series

HiTES

2010s
- Launched the first of the BluEarth series, a people-friendly and eco-friendly, fuel-efficient passenger-car tire
- Introduced the development of the aerodynamic points, "Dimple Side Design"
- Placed in the Pike's Peak International Hill Climb
- Announced the AERO-Y, YOKOHAMA's technology in an electric concept vehicle
- The Outside Fin is introduced at Tokyo Motor Show as a study in aerodynamics
- Launches the new SPIRALOOP belt technology in North America, offering a flat single tire for trucks that reduces rolling resistance


Pike's Peak Entry

TRA Classification of OFF-THE-ROAD TIRES

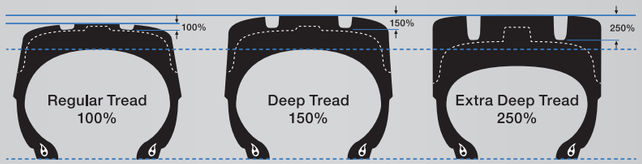
TRA Code

YOKOHAMA OFF-THE-ROAD TIRES are classified as follows by the Tire and Rim Association (TRA).

E	Earthmover
G	Grader
L	Loader & Dozer
C	Compactor
Mobile Crane	Mobile Crane
IND	Industrial

E-3

Tread Pattern			Tread Thickness	Tread Depth Index
1	Rib	Rib Pattern	Regular Tread	100%
2	Traction	Traction Pattern	Regular Tread	100%
3	Rock	Block Pattern	Regular Tread	100%
4	Rock	Block Pattern	Deep Tread	150%
5	Rock	Rock Pattern	Extra Deep Tread	250%
4S	Smooth	Smooth	Deep Tread	150%
5S	Smooth	Smooth	Extra Deep Tread	250%



Tread Thickness

According to the Tire and Rim Association (TRA), there are three general classifications for tread thickness for OFF-THE-ROAD TIRES : regular, deep and extra deep. Deep and extra deep are 1.5 and 2.5 times thicker than regular, respectively. The thicker treads have greater cut and wear resistance.

Application	Vehicles	TRA Code / Tread Type	Pattern Name	Page	
Earthmover	Rigid Dump Trucks, Articulated Dump Trucks, Scrapers	E-3 Rock	RT31 RB31 RL31 Y67 Y565	7-10	E
		E-4 Rock	RT41 RL45 RB41 RB42 RB42A RL42 RL47 Y67E Y523 Y523U Y567		
Grader	Graders	G-2 Traction	RT21 MYXS01 Y103	15	G
		G-3 Rock	Y67		
Loader & Dozer	Wheel Loaders, Dozers	L-2 Traction	MYXS01 Y103 Y548	11-14	L
		L-3 Rock	RT31 RB31 RL31 Y67 Y575 Y526K		
		L-4 Rock	RT41 RL45 Y545 Y67E		
		L-5 Rock	RL51 RL52 Y524 Y524Z		
Compactor	Tire Rollers	C-1 Smooth	Y69	16	C
Underground	Wheel Loaders, Underground Vehicles	E-3	Y67	17,18	UG
		E-4	RT41		
		L-5	Y525		
		L-4S	Y69U		
		L-5S	R69 Y69 Y69K Y69U		
		IND-3	Y67 Y20		
Mobile Crane	Wheel Cranes, All-terrain Cranes	–	RB01 RB03 RS01	16	Crane
Industrial	Forklifts, Container Handlers, Log Stackers, Log Handlers, Reach Stackers, Towing Tractors, Straddle Carriers, Transfer Cranes	IND-3	Y92 Y67 Y69 Y69PS Y505 Y573	19-22	IND
		IND-4	RL43 RR41 Y69 Y505 Y523 Y523U		
		–	Y20 Y520 Y520A		

*TRA Code is not available for Mobile Crane.

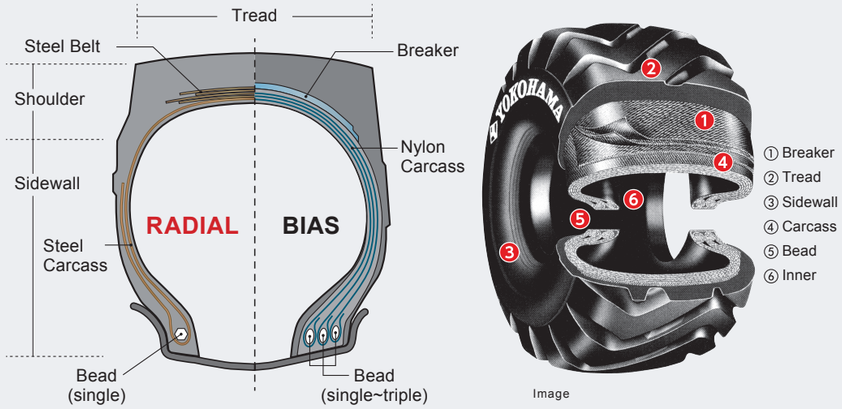
Outline of OFF-THE-ROAD TIRES

Construction of OFF-THE-ROAD-TIRES

The construction of OFF-THE-ROAD-TIRES depend, to a large extent, on the intended use of the tire. However, common components to all OFF-THE-ROAD-TIRES are the tread, carcass, beads, breakers and sidewalls. Tubeless type tires have an inner liner.

Structural Diagram of RADIAL TIRES

Structural Diagram of BIAS TIRES



Conversion Table : Star Mark to Ply Rating

Loader			Earthmover			Grader		
Tire Size	Star Mark ☆	Ply Rating	Tire Size	Star Mark ☆	Ply Rating	Tire Size	Star Mark ☆	Ply Rating
17.5R25	☆	UP TO 16PR	17.5R25	☆☆	UP TO 22PR	14.00R24	☆	UP TO 16PR
20.5R25	☆	UP TO 20PR	20.5R25	☆☆	UP TO 28PR	17.5R25	☆	UP TO 20PR
23.5R25	☆	UP TO 24PR	23.5R25	☆☆	UP TO 32PR	20.5R25	☆	UP TO 20PR
26.5R25	☆	UP TO 26PR	26.5R25	☆☆	UP TO 36PR			
29.5R25	☆	UP TO 28PR	29.5R25	☆☆	UP TO 40PR			
			14.00R25	☆☆☆	UP TO 32PR			
			16.00R25	☆☆	UP TO 32PR			
18.00R25	☆☆	UP TO 36PR	18.00R33	☆☆	UP TO 36PR			
			24.00R35	☆☆	UP TO 48PR			
			27.00R49	☆☆	UP TO 56PR			
			33.00R51	☆☆	UP TO 66PR			

☆Star Mark : The Load capacity of a tire is indicated by the Star Mark in case of radial tire.

Size Identification and Aspect Ratio

23.5 R 25 ☆☆ (Radial)

❶ ❷ ❸ ❹

❶ Section Width (inches)
❷ Radial Construction
❸ Rim Diameter (inches)
❹ Star Mark

20.5 - 25 16PR (Bias)

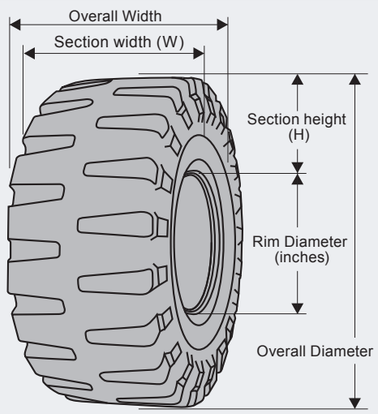
❶ ❷ ❸

❶ Section Width (inches)
❷ Rim Diameter (inches)
❸ Ply Rating

385 / 95 R 25 170 E (Radial)

❶ ❷ ❸ ❹ ❺ ❻

❶ Section Width (mm)
❷ Aspect Ratio (95%)
❸ Radial Construction
❹ Rim Diameter (inches)
❺ Load Index
❻ Speed Symbol



42 × 17-20 10PR (Bias)

- Ply Rating
- Rim Diameter (inches)
- Section Width (inches)
- Overall Diameter (inches)

35 / 65-33 24PR (Bias)

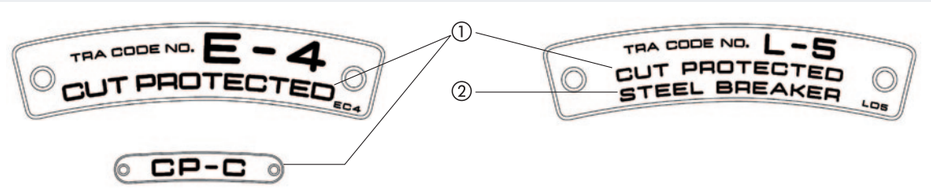
- Ply Rating
- Rim Diameter (inches)
- Aspect Ratio (65%)
- Section Width (inches)

Aspect ratio
The aspect ratio is the ratio of a tire's section height (H) to its section width (W).

$$\text{Aspect ratio}\,(\%) = \frac{H}{W} \times 100$$

Load Index
The Load Index is a international numerical code associated with the maximum load a tire can carry at the speed indicated by its Speed Symbol under service specifi ed conditions.

Tire Specification Code



① Tire Specification Code

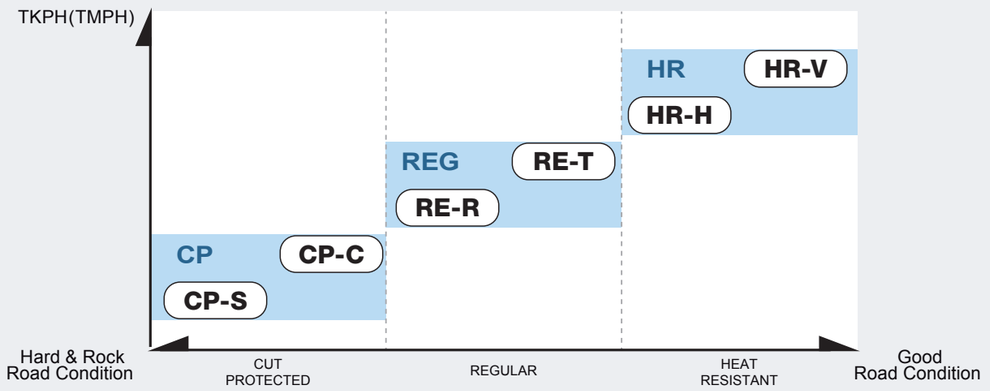
Code Type Ⅰ	Specification
CUT PROTECTED	Cut Resistance Type
REGULAR	Regular (Standard) Type
HEAT RESISTANT	Heat Resistance Type

Code Type Ⅱ	Specification
CP-S	Special Cut Resistance Type
CP-C	Cut Resistance Type
RE-R	Regular (Standard) Type
RE-T	Regular (Standard) Type With Heat Resistant
HR-H	Heat Resistance Type
HR-V	Special Heat Resistance Type

② Special Code

Code	Specification
FOR SDC RIM	Semi-Drop Center Rim Use Only
STEEL BREAKER	Steel Breaker For Bias Tires
WIDE STEEL BREAKER	Wide Steel Breaker For Bias Tires

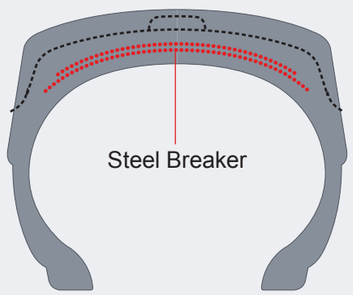
Positioning Map of Tire Specification Code



Special Construction for better cut resistance

Steel Breaker (Bias Tires)

The Steel breaker act to guard against tread punctures and cut growth.



Note :
It is not suitable for
- wet
- retread
- load-and -carry operation

Side Protector

Protectors positioned on sidewall provide excellent cut resistance.


Image

RADIAL

RT31 E-3
ROCK

- Extra large void-to-lug ratio, in combination with non-directional tread, enables greater traction in soft and muddy terrain.
- Enhanced tread compound provides outstanding wear, low heat generation and cut resistance.

Use : Articulated Dump Trucks

RT31/E-3

Size	Star Mark	Spec	T/T	T/L
✱20.5R25	☆☆	CP	–	●
23.5R25	☆☆	CP	–	●
750/65R25	☆☆	CP	–	●
✱26.5R25	☆☆	CP	–	●

✱ : E-3+ . Tread depth 125% level.

RB31 E-3
ROCK

- Tread designed with non-directional block pattern provides both abrasion resistance and excellent traction on soft surfaces.
- Buttress side protection and improved road stability.
- Low heat generation and flat base hexagon bead construction.

Use : Articulated Dump Trucks

RB31/E-3

Size	Star Mark	Spec	T/T	T/L
17.5R25	☆☆	CP	–	●
20.5R25	☆☆	CP	–	●
23.5R25	☆☆	CP	–	●
26.5R25	☆☆	CP	–	●
29.5R25	☆☆	CP	–	●

RL31 E-3
ROCK

- Rock flush pattern provides excellent defense against cuts.
- Superior compounds generate longer life and fewer punctures.
- Sidewall construction built to handle cuts and snags.

Use : Articulated Dump Trucks

RL31/E-3

Size	Star Mark	Spec	T/T	T/L
17.5R25	☆☆	CP	–	●
20.5R25	☆☆	CP	–	●
✱23.5R25	☆☆	CP	–	●

✱ : E-3+ . Tread depth 125% level.

RT41 E-4
ROCK DEEP TREAD

- High turn-up carcass provides greater lateral stiffness and improved stability.
- Non-directional block pattern creates excellent traction.
- Buttress side protection for fewer sidewall snags and cuts.

Use : Articulated Dump Trucks

RT41/E-4

Size	Star Mark	Spec	T/T	T/L
23.5R25	☆☆	CP	–	●
		CPUG	–	●
26.5R25	☆☆	CP	–	●
		CPUG	–	●
29.5R25	☆☆	CP	–	●
		CPUG	–	●

RL45 E-4
ROCK DEEP TREAD

- Deep tread provides long life and enhanced stability.
- Compound provides low heat generation and cut resistance.
- Angled lugs promote long, even wear and improved traction.

Use : Articulated Dump Trucks

RL45/E-4

Size	Star Mark	Spec	T/T	T/L
26.5R25	☆☆	CP	–	●
29.5R25	☆☆	CP	–	●

RB41 E-4
ROCK DEEP TREAD

- Non-directional block pattern provides both abrasion resistance and excellent traction on soft surfaces.
- Deep tread allows for maximum longevity.
- Enhanced durability with a built-in side protector.

Use: Rigid Dump Trucks

RB41/E-4

Size	Star Mark	Spec	T/T	T/L
14.00R25NHS	☆☆☆	REG	–	●
16.00R25	☆☆	REG	–	●
		CP	–	●

RB42 E-4
ROCK DEEP TREAD

- Zig-zag pattern provides excellent traction on muddy and rocky surfaces.
- Large center blocks resist cuts and enhance overall wear.
- Steel cord belts guard against tread punctures.

Use: Rigid Dump Trucks

RB42/E-4

Size	Star Mark	Spec	T/T	T/L
18.00R33	☆☆	CP	–	●
24.00R35	☆☆	CP-S	–	●
		CP	–	●
		REG	–	●
		HR	–	●
27.00R49	☆☆	CP-S	–	●
		CP	–	●
		REG	–	●
		HR	–	●
33.00R51	☆☆	CP-S	–	●
		CP	–	●
		REG	–	●

RB42A E-4
ROCK DEEP TREAD

- Zig-zag pattern provides excellent traction on muddy and rocky surfaces.
- Large center blocks resist cuts and enhance overall wear.
- Steel cord belts guard against tread punctures.

Use: Rigid Dump Trucks

RB42A/E-4

Size	Star Mark	Spec	T/T	T/L
24.00R35	☆☆	CP-S	–	●
		CP	–	●
		REG	–	●

RL42 E-4
ROCK DEEP TREAD

- Circumferential grooves dissipate heat for longer hauling capabilities.
- Directional tread pattern and deep, wide grooves expel mud and dirt for enhanced traction and stability.
- Buttress side protection defends the sidewall against cuts and snags.

Use: Rigid Dump Trucks

RL42/E-4

Size	Star Mark	Spec	T/T	T/L
18.00R33	☆☆	CP	–	●
24.00R35	☆☆	CP	–	●
		HR	–	●

No image available

RL47 E-4
ROCK DEEP TREAD

- Specially designed for under cut and abrasive conditions.
- Large ground contact area and deep tread provide good cut resistance and long service life.
- A center thin groove provides heat dissipation effectively.

Use: Rigid Dump Trucks

RL47/E-4

Size	Star Mark	Spec	T/T	T/L
33.00R51	☆☆	CP-S	–	●
		CP	–	●
		REG	–	●

The photo will be available soon.

**Not available yet and YOKOHAMA will inform when available.

NHS : Not for highway service
T/T : Tube Type
T/L : Tubeless Type
SB : Steel Breaker construction

Specification Code
CP : Cut Protected
CP-S : Cut Protected-S
REG : Regular
HR : Heat Resistant
CPUG : Cut Protected for Underground

BIAS

Y67 E-3
ROCK

- For hauling over rock, coal and log-strewn terrain.
- Tough tread offers resistance to cuts and snags.
- Less heat buildup enables smoother running over longer distances than deep tread tires.

Use : Rigid Dump Trucks & Scrapers

Y67/E-3

Size	PR	Spec		T/T	T/L
10.00-20NHS	14	–	–	●	–
			SB	●	–
	24	–	–	●	–
			SB	●	–
11.00-20NHS	14	–	–	●	–
12.00-20NHS	16	–	–	●	–
	18	–	–	●	–
			SB	●	–
	24	–	SB	●	–
	28	–	SB	●	–
14.00-20NHS	32	–	–	●	–
12.00-24NHS	16	–	–	●	–
	20	–	–	●	–
14.00-24NHS	20	CP	–	●	–
	24	CP	–	●	–
	28	CP	–	●	–
16.00-24NHS	24	REG	–	–	●
14.00-25NHS	20	CP	–	●	●
	24	CP	SB	●	–
		REG	–	–	●
			SB	●	–
16.00-25	24	CP	–	●	●
			SB	●	●
	28	CP	–	●	●
			SB	–	●
	32	REG	–	–	●
18.00-25	32	CP	–	●	●
	40	CP	–	–	●
21.00-25	24	REG	–	–	●

Y67/E-3

Size	PR	Spec		T/T	T/L
18.00-33	28	CP-C	–	–	●
	32	CP-C	–	–	●
	36	CP-C	–	–	●
27.00-49	48	HR-V	–	–	●
20.5-25	28	HR	–	–	●
23.5-25	32	HR	–	–	●
26.5-25	26	REG	–	–	●
29.5-25	28	REG	–	–	●
	28	HR	–	–	●
	34	HR	–	–	●
26.5-29	26	REG	–	–	●
29.5-29	28	REG	–	–	●
	34	CP	–	–	●
			SB	–	●
33.25-29	26	CP	–	–	●
	32	CP	–	–	●
			SB	–	●
29.5-35	34	REG	–	–	●
33.25-35	32	CP	–	–	●
	38	REG	–	–	●
37.25-35	30	CP	–	–	●
	36	CP	–	–	●
			SB	–	●
		REG	–	–	●
			SB	–	●
37.5-39	44	CP	–	–	●
	52	CP	–	–	●
			SB	–	●
		REG	–	–	●
			SB	–	●

Y565 E-3
ROCK

- Tough tread resists cuts and snags.
- Less heat buildup enables smoother running over longer distances than the deep tread.

Use : Rigid Dump Trucks

Y565/E-3

Size	PR	Spec		T/T	T/L
36.00-51	58	RE-T	–	–	●
	66	RE-T	–	–	●
	66	HR-V	–	–	●

Y67E E-4
ROCK DEEP TREAD

- For hauling over rock, coal and long-strewn terrain.
- Deep tread offers good wear and cut resistance.

Use : Rigid Dump Trucks & Scrapers

Y67E/E-4

Size	PR	Spec		T/T	T/L
29.5-29	34	CP	SB	–	●

Y523 E-4
ROCK DEEP TREAD

- Specially designed for dump truck use under highly abrasive conditions.
- Large ground contact area of the wide, deep double chevron uniform pattern provides good cut resistance and long service life.

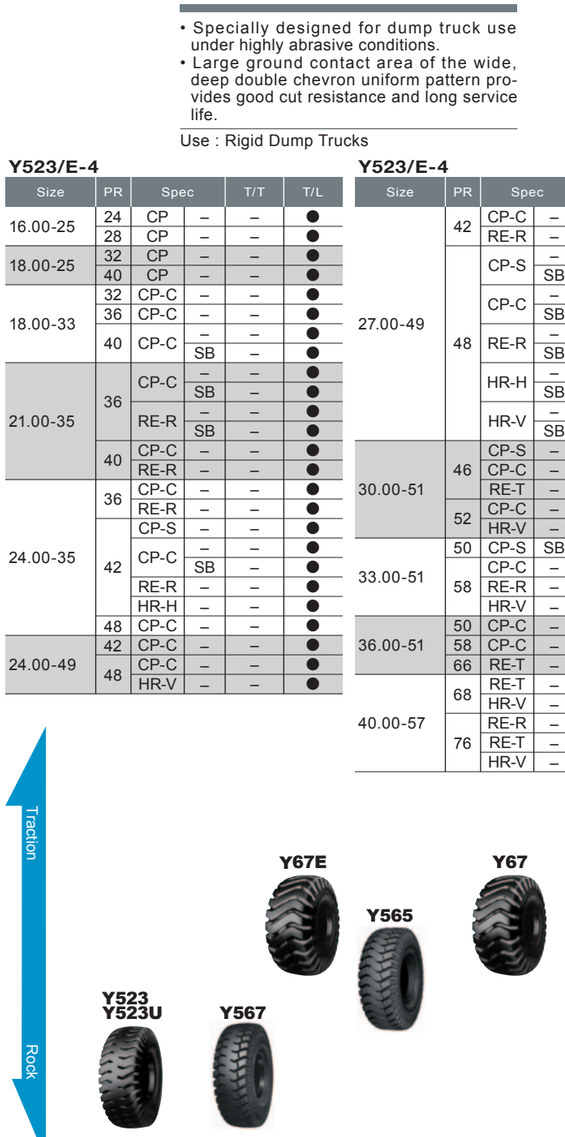
Use : Rigid Dump Trucks

Y523/E-4

Size	PR	Spec		T/T	T/L
16.00-25	24	CP	–	–	●
	28	CP	–	–	●
18.00-25	32	CP	–	–	●
	40	CP	–	–	●
18.00-33	32	CP-C	–	–	●
	36	CP-C	–	–	●
	40	CP-C	–	–	●
			SB	–	●
21.00-35	36	CP-C	–	–	●
			SB	–	●
		RE-R	–	–	●
			SB	–	●
	40	CP-C	–	–	●
		RE-R	–	–	●
24.00-35	36	CP-C	–	–	●
		RE-R	–	–	●
	42	CP-S	–	–	●
		CP-C	–	–	●
			SB	–	●
		RE-R	–	–	●
		HR-H	–	–	●
	48	CP-C	–	–	●
24.00-49	42	CP-C	–	–	●
	48	CP-C	–	–	●
		HR-V	–	–	●

Y523/E-4

Size	PR	Spec		T/T	T/L
27.00-49	42	CP-C	–	–	●
		RE-R	–	–	●
	48	CP-S	–	–	●
			SB	–	●
		CP-C	–	–	●
			SB	–	●
		RE-R	–	–	●
			SB	–	●
		HR-H	–	–	●
			SB	–	●
		HR-V	–	–	●
			SB	–	●
30.00-51	46	CP-S	–	–	●
		CP-C	–	–	●
		RE-T	–	–	●
	52	CP-C	–	–	●
		HR-V	–	–	●
33.00-51	50	CP-S	SB	–	●
	58	CP-C	–	–	●
		RE-R	–	–	●
		HR-V	–	–	●
36.00-51	50	CP-C	–	–	●
	58	CP-C	–	–	●
	66	RE-T	–	–	●
40.00-57	68	RE-T	–	–	●
		HR-V	–	–	●
	76	RE-R	–	–	●
		RE-T	–	–	●
		HR-V	–	–	●



Y523U E-4
ROCK DEEP TREAD

- Specially designed for short haul operation.

Use : Rigid Dump Trucks

Y523U/E-4

Size	PR	Spec		T/T	T/L
18.00-33	32	CP-C	–	–	●

Y567 E-4
ROCK DEEP TREAD

- Advanced composition of enhanced tread compound provides outstanding wear, low heat generation and cut resistance.
- Specially designed for long-haul applications.

Use : Rigid Dump Trucks

Y567/E-4

Size	PR	Spec		T/T	T/L
33.00-51	50	CP-S	–	–	●
			SB	–	●
		RE-R	–	–	●
			SB	–	●
	58	CP-C	–	–	●
		RE-R	–	–	●
		RE-T	–	–	●
		HR-V	–	–	●
40.00-57	68	CP-C	–	–	●
		RE-R	–	–	●
		HR-V	–	–	●

NHS : Not for highway service
T/T : Tube Type
T/L : Tubeless Type
SB : Steel Breaker construction

Specification Code
CP : Cut Protected
CP-S : Cut Protected-S
CP-C : Cut Protected-C
REG : Regular
RE-R : Regular-R
RE-T : Regular-T
HR : Heat Resistant
HR-H : Heat Resistant-H
HR-V : Heat Resistant-V

RADIAL

RT31 L-3
ROCK

- Extra large void-to-lug ratio and non-directional tread enables greater traction in soft and muddyterrain.
- Enhanced tread compound provides outstanding wear, low heat generation and cut resistance.

RT31/L-3

Size	Star Mark	Spec	T/T	T/L
✱20.5R25	☆	CP	–	●
23.5R25	☆	CP	–	●
750/65R25	☆	CP	–	●
✱26.5R25	☆	CP	–	●

✱ : L-3+ . Tread depth 125% level.

RB31 L-3
ROCK

- Non-directional block pattern provides both abrasion resistance and excellent traction on soft surfaces.
- Flat base hexagon bead construction provides greater strength and combats rim slippage.
- Carcass construction protects against external damage and improves road stability.

RB31/L-3

Size	Star Mark	Spec	T/T	T/L
17.5R25	☆	CP	–	●
20.5R25	☆	CP	–	●
23.5R25	☆	CP	–	●
26.5R25	☆	CP	–	●
29.5R25	☆	CP	–	●

RL31 L-3
ROCK

- Rock flush pattern provides excellent defense against cuts.
- Superior compounds generate longer life and fewer punctures.
- Sidewall construction built to handle cuts and snags.

RL31/L-3

Size	Star Mark	Spec	T/T	T/L
17.5R25	☆	CP	–	●
20.5R25	☆	CP	–	●
✱23.5R25	☆	CP	–	●

✱ : L-3+ . Tread depth 125% level.

RT41 L-4
ROCK DEEP TREAD

- Belt package provides great durability and stability.
- High turn-up carcass provides greater lateral stiffness and improved road stability.
- Non-directional block pattern creates excellent traction.

RT41/L-4

Size	Star Mark	Spec	T/T	T/L
23.5R25	☆	CP	–	●
26.5R25	☆	CP	–	●
29.5R25	☆	CP	–	●

RL45 L-4
ROCK DEEP TREAD

- Deep tread depth enables longer wear and greater stability.
- Abrasion resistant non-directional block pattern offers reliable traction, side cut protection and better ride comfort.

RL45/L-4

Size	Star Mark	Spec	T/T	T/L
26.5R25	☆	CP	–	●
29.5R25	☆	CP	–	●

RL51 L-5
ROCK EXTRA DEEP TREAD

- Non-directional block pattern offers excellent traction, longer wear and cut resistance.
- Multi-layer, cross-ply steel belts promote durability and long-lasting performance.

RL51/L-5

Size	Star Mark	Spec	T/T	T/L
23.5R25	☆	CP	–	●

RL52 L-5
ROCK EXTRA DEEP TREAD

- Unique cap compound yields superior cut resistance and longer wear.
- Flush tread pattern offers abrasion and cut resistance with a lower lug-to-void ratio.
- Buttress side protection helps prevent sidewall snags and cuts.

RL52/L-5

Size	Star Mark	Spec	T/T	T/L
26.5R25	☆	CP	–	●

MYX S01 L-2
SNOW

- Specially designed for grader, loaders and dozers for snow application.
- Tread pattern is designed with a non directional block pattern. It provides both abrasion resistance and excellent traction on snow and ice surfaces.

MYX S01/L-2

Size	Star Mark	Spec	T/T	T/L
17.5R25	☆	–	–	●
20.5R25	☆	–	–	●

T/T : Tube Type
T/L : Tubeless Type

Specification Code CP : Cut Protected

Loader & Dozer

BIAS

Y103 L-2 TRACTION

- Provides good traction and flotation on muddy ground.
- Directional tread pattern provides excellent self-cleaning properties.

Y103/L-2

Size	PR	Spec		T/T	T/L
12.5/70-16	6	–	–	–	●
10-16.5NHS	4	–	–	●	●
	6	–	–	–	●
13.5-20	14	–	–	●	–
42×17-20	10	–	–	●	–
17.5/65-20	10	–	–	–	●
16.9-24	10	–	–	●	●
	12	–	–	●	●
18.4-24	10	–	–	●	●
			SB	–	●
10.00-20NHS	8	–	–	●	–
	14	–	–	●	–
	10	–	–	●	–
14.00-24TG	12	–	–	●	●
16.00-24TG	16	–	–	●	–
15.5-25	12	–	–	●	●
17.5-25	12	–	–	●	●
	16	–	–	●	●
20.5-25	12	–	–	–	●
	16	–	–	–	●
23.5-25	12	–	–	–	●
	16	–	–	–	●

Y526K L-3 ROCK

- Unique symmetrical tread pattern and reinforced outer sidewall help prevent cuts.

Y526K/L-3

Size	PR	Spec		T/T	T/L
20.5-25	16	–	–	●	●
			SB	–	●
	20	–	–	●	●
23.5-25	16	–	–	–	●
			SB	●	●
	20	–	–	●	●
			SB	–	●

Y548 L-2 SNOW

- Specially designed for operation on snowy roads, directional tread pattern provides excellent traction and pulling performance.

Y548/L-2

Size	PR	Spec		T/T	T/L
12.5/70-16	6	–	–	–	●
17.5/65-20	10	–	–	–	●
16.9-24	10	–	–	●	●
	12	–	–	–	●
18.4-24	10	–	–	–	●
17.5-25	12	–	–	●	●
	16	–	–	●	●
20.5-25	12	–	–	●	●
	16	–	–	●	●
	20	–	–	●	●

Y67 L-3 ROCK

- Tough tread protects from cuts and snags.
- Wide ground contact area lengthens service life.

Y67/L-3

Size	PR	Spec		T/T	T/L
16.9-24	10	–	–	●	●
			SB	●	●
12.00-24NHS	16	–	–	●	–
	20	–	–	●	–
13.00-24TG	16	–	–	–	●
13.00-24NHS	18	–	–	●	–
14.00-24TG	12	–	–	●	●
			SB	–	●
	16	–	–	●	●
14.00-24NHS	24	–	–	●	–
15.5-25	12	–	–	●	●
17.5-25	12	–	–	–	●
			SB	●	●
	16	–	–	●	●
20.5-25	12	–	–	●	●
	16	–	–	●	●
	20	–	–	●	●
23.5-25	12	–	–	●	–
	16	–	–	–	●
			SB	–	●
	20	–	–	–	●
	24	–	–	●	●
26.5-25	16	–	–	–	●
	20	–	–	●	●
	24	–	–	●	●
	26	–	–	–	●
	28	–	–	–	●
29.5-25	22	–	–	–	●
	28	–	–	–	●
29.5-29	28	–	–	–	●

Y575 L-3 ROCK

- Unique semi-level tread pattern with a large contact area for improved stability and longer service life.

Y575/L-3

Size	PR	Spec		T/T	T/L
17.5-25	12	–	–	●	●
		–	SB	–	●
	16	–	–	–	●
20.5-25	12	–	–	●	●
			SB	–	●
	16	–	–	●	●
			SB	–	●
	20	–	–	●	●
23.5-25	16	–	–	●	●
			SB	●	●
	20	–	–	●	●
			SB	–	●
	24	–	–	–	●
26.5-25	16	–	–	–	●
	20	–	–	●	●
			SB	–	●
	24	–	–	–	●
			SB	●	–
	28	–	–	–	●
29.5-25	22	–	–	–	●
			SB	–	●
	28	–	–	●	●
			SB	–	●
	34	–	SB	–	●

Y67E L-4 ROCK DEEP TREAD

- Developed for Loaders and Dozers on rock, coal and log-strewn terrain.
- Deep tread offers good wear and cut resistance.

Y67E/L-4

Size	PR	Spec		T/T	T/L
17.5-25	12	–	–	–	●
29.5-29	28	–	–	–	●

Y545 L-4 ROCK DEEP TREAD

- Excels over rock, coal and log-strewn environments.
- Deep tread offers excellent wear with superb cut resistance.
- Steel belts in low aspect ratio tires provide enhanced protection against rock penetration for longer life cycles.

Y545/L-4 with side protector

Size	PR	Spec		T/T	T/L
23.5-25	16	–	–	–	●
			SB	–	●
	20	–	–	–	●
			SB	–	●
	24	–	–	–	●
26.5-25	20	–	–	–	●
	24	–	–	–	●
	26	–	–	–	●
	32	–	–	–	●
29.5-25	22	–	–	–	●
	28	–	–	–	●
35/65-33	24	–	SB	–	●
	30	–	SB	–	●
	36	–	SB	–	●
	42	–	SB	–	●
45/65-45	58	–	SB	–	●

Y524Z L-5 HALF SLICK EXTRA DEEP TREAD

- Ideal for rock, coal and ore mining environment.
- Half slick asymmetric tread pattern is specifically designed for superior tread and sidewall cut resistance.

Y524Z/L-5 with side protector

Size	PR	Spec		T/T	T/L
35/65-33	24	–	SB	–	●
	36	–	SB	–	●
	42	–	SB	–	●
45/65-45	38	–	SB	–	●
	46	–	SB	–	●
	50	–	SB	–	●
	58	–	SB	–	●

Y524 L-5 ROCK EXTRA DEEP TREAD

- Designed for loaders and dozers on rock, coal and log-strewn terrain.
- Unique profile with side protector for improved resistance to shoulder and sidewall cuts.

Y524/L-5

Size	PR	Spec		T/T	T/L
23.5-25	16	–	–	–	●
	20	–	–	–	●
	24	–	–	–	●
29.5-29	28	–	–	–	●
	34	–	SB	–	●

Y524/L-5 with side protector

Size	PR	Spec		T/T	T/L
20.5-25	12	–	–	–	●
	16	–	–	–	●
	20	–	–	–	●
26.5-25	20	–	–	–	●
	24	–	–	–	●
	26	–	–	–	●
	28	–	–	–	●
	32	–	–	–	●
		–	SB	–	●
29.5-25	22	–	–	–	●
	28	–	–	–	●
		–	SB	–	●
35/65-33	24	–	SB	–	●
	30	–	SB	–	●
	36	–	SB	–	●
	42	–	SB	–	●
	48	–	SB	–	●
40/65-39	36	–	SB	–	●
	56	–	SB	–	●
45/65-45	38	–	SB	–	●
	46	–	SB	–	●
	50	–	SB	–	●
	58	–	SB	–	●

The photo is tire with side protector.

TG : Tractor-Grade tire. Not for highway service.
NHS : Not for highway service
T/T : Tube Type
T/L : Tubeless Type
SB : Steel Breaker construction

Grader

RADIAL

RT21 G-2 TRACTION

- Designed with a self-cleaning nondirectional block pattern.
- Good traction and flotation on soft and muddy surfaces.

RT21/G-2

Size	Star Mark	Spec		T/T	T/L
14.00R24	☆	–		–	●

MYX S01 G-2 SNOW

- Specially designed for grader, loaders and dozers for snow application.
- Tread pattern is designed with a non directional block pattern. It provides both abrasion resistance and excellent traction on snow and ice surfaces.

MYX S01/G-2

Size	Star Mark	Spec		T/T	T/L
17.5R25	☆	–		–	●
20.5R25	☆	–		–	●

BIAS

Y103 G-2 TRACTION

- Directional tread pattern provides excellent self-cleaning properties.
- Optimum traction and flotation on muddy surface.

Y103/G-2

Size	PR	Spec		T/T	T/L
11.00-20TG	10	–		●	–
	12	–		●	–
12.00-24TG	12	–		●	–
13.00-24TG	8	–		●	●
	10	–		●	●
	12	–		●	●
14.00-24TG	10	–		●	●
	12	–		●	●
	14	–		●	–
	16	–		●	●
	20	–		●	–
16.00-24TG	12	–		●	–
17.5-25	12	–		–	●

Y67 G-3 ROCK

- Tough tread prevents cuts and snags.
- Large ground contact provides long service life.

Y67/G-3

Size	PR	Spec		T/T	T/L
13.00-24TG	12	–	–	●	●
14.00-24TG	12	–	SB	●	–
	16	–	–	●	●
16.00-24TG	12	–	–	●	–
	16	–	–	●	●
18.00-25	16	–	–	–	●

TG : Tractor-Grade tire. Not for highway service.
NHS : Not for highway service
T/T : Tube Type
T/L : Tubeless Type
SB : Steel Breaker construction

Compactor

BIAS

Y69 C-1 SMOOTH

- Specially designed for tire roller use.
- Rubber compound used provides good resistance to oily chemicals such as coal tar.
- Produces highly uniform rolling performance.

Y69/C-1

Size	PR	Spec		T/T	T/L
7.50-16NHS	6	–	–	●	–
9.00-20NHS	10	–	–	●	–
11.00-20NHS	14	–	–	●	–
14/70-20NHS	12	–	–	●	–
15.0-20NHS	16	–	–	●	–

Please consult with the machine manufacturer prior to tire selection as vehicle specifications may vary greatly.

Mobile Crane

Wheel Cranes , All-terrain Cranes

RADIAL

RB01 HIGHWAY USE

- Tread pattern and compound provide excellent cut/chip performance and long tread life in severe applications.
- Tough casing construction enables enhanced durability.

RB01

Size	Star Mark LI/SS	T/T	T/L
14.00R24NHS	☆☆☆	●	–
385/95R25	170E	–	●
	170F	–	●
445/95R25	174F	–	●
505/95R25	183E	–	●

RB03 HIGHWAY USE

- Optimized rib pattern and compound provide excellent performance, even wear and long tread life.
- Tough casing construction and optimized tread pattern provides lower fuel consumption, reduced tire noise, better driving stability and improved high speed durability.

RB03

Size	Star Mark LI/SS	T/T	T/L
14.00R24NHS	☆☆☆	●	–
385/95R25	170E	–	●
	170F	–	●

RS01 HIGHWAY USE WINTER TRACTION

- Specially designed for highway use on wheel crane and all-terrain crane.
- The RS01 provides winter traction as well as wear resistance.

RS01

Size	LI/SS	T/T	T/L
385/95R25	170E	–	●

RADIAL

RT41 E-4 ROCK DEEP TREAD

- Unique compound and proven belt package provide greater durability and stability.
- High turn-up carcass provides greater lateral stiffness and improved road stability.
- Non-directional block pattern creates excellent traction.

Use: Underground Vehicles

RT41/E-4

Size	Star Mark	Spec	T/T	T/L
23.5R25	☆☆	CPUG	–	●
26.5R25	☆☆	CPUG	–	●
29.5R25	☆☆	CPUG	–	●

R69 L-5S SMOOTH EXTRA DEEP TREAD

- Advanced compounds improve durability by resisting heat buildup and fighting cuts and chips.
- Durable belt package and enhanced compounds create extreme durability and a stable, square footprint.
- High-angle sidewall decreases sidewall stress while providing added protection.

Use : Loaders & Underground Vehicles

R69/L-5S

Size	Star Mark	Spec	T/T	T/L
18.00R25	☆☆	–	–	●

NHS : Not for highway service
T/T : Tube Type
T/L : Tubeless Type
SB : Steel Breaker construction

BIAS

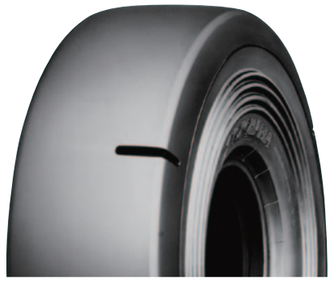
Y69 L-5S SMOOTH EXTRA DEEP TREAD

- Deep tread and reinforced sidewalls offer superior resistance to damage and wear.

Use : Loaders & Underground Vehicles

Y69/L-5S

Size	PR	Spec		T/T	T/L
12.00-24NHS	16	–	–	●	–
	20	–	–	●	–
14.00-24NHS	20	–	–	●	–
	24	–	–	●	–
18.00-25	24	–	–	–	●
	28	–	–	●	●
	32	–	–	–	●
17.5-25	16	–	–	–	●
	20	–	–	●	●
	24	–	–	–	●
	28	–	–	–	●
20.5-25	16	–	–	–	●
	28	–	–	–	●
23.5-25	20	–	–	–	●
	28	–	–	●	–
26.5-25	28	–	–	–	●
	32	–	–	–	●
	36	–	–	–	●



Y69U L-4S SMOOTH DEEP TREAD L-5S SMOOTH EXTRA DEEP TREAD

- Modified sidewall profile for increased resistance to side wall damage.
- Extra-deep reinforced tread for longer treadwear and enhanced durability in mining conditions.
- Specially formulated tread compounds extend treadlife.

Use : Loaders & Underground Vehicles

Y69U/L-4S
Wavy Side with Special Reinforcement

Size	PR	Spec		T/T	T/L
12.00-24NHS	16	–	SB	●	–

Y69U/L-5S
Wavy Side with Special Reinforcement

Size	PR	Spec		T/T	T/L
18.00-25	16	–	SB	●	–
	24	–	SB	–	●
	28	–	SB	–	●
	32	–	SB	–	●
17.5-25	20	–	SB	–	●
	28	–	SB	–	●
26.5-25	28	–	SB	–	●
	32	–	SB	–	●

Y67 E-3 ROCK

- Advanced composition provides exceptional cut and chip resistance producing outstanding wear and durability.
- Steel breaker construction provides extra case protection.
- Optimized rubber-to-void ratio enhances balance between cut-resistance and traction, increasing tread life and resilience.

Use : Underground Vehicles

Y67/E-3

Size	PR	Spec		T/T	T/L
10.00-20NHS	24	–	–	●	–
			SB	●	–
12.00-20NHS	24	–	SB	●	–
	28	–	SB	●	–
14.00-20NHS	32	–	–	●	–

Y67 IND-3

- Reinforced bead and sidewall area provide exceptional durability.
- Highly durable spec enables increased load capacity.
- Special compounding enables less heat generation and additional scrub resistance.
- Optimal rubber-to-void ratio provides better stability while deeper tread depths enhance traction.

Use : Underground Vehicles

Y67/IND-3

Size	PR	Spec	T/T	T/L
12.00-24NHS	28	–	●	–

Y69K L-5S SMOOTH EXTRA DEEP TREAD

- Modified sidewall profile for increased resistance to side wall damage.
- Extra-deep reinforced tread for longer treadwear and enhanced durability in mining conditions.
- Specially formulated tread compounds extend treadlife.

Use : Loaders & Underground Vehicles

Y69K/L-5S with side protector

Size	PR	Spec		T/T	T/L
18.00-25	28	–	–	–	●
			SB	–	●
	32	–	–	–	●
26.5-25	26	–	–	–	●
	32	–	–	–	●
	36	–	–	–	●
29.5-29	34	–	–	–	●
	40	–	–	–	●
			SB	–	●

Y525 L-5 ROCK EXTRA DEEP TREAD

- Deep tread and reinforced sidewalls offer superior resistance to damage and wear.

Use : Loaders & Underground Vehicles

Y525/L-5

Size	PR	Spec		T/T	T/L
12.00-24NHS	20	–	–	●	–

Y67 IND-3

- Non-directional block pattern offers excellent traction, longer wear and cut resistance.
- Specially-designed high durable spec enables increased load capacity.
- Special compound generates less heat and provides additional scrub-resistance.
- Optimized rubber-to-void ratio provides better stability.

Use : Loaders & Underground Vehicles

Y67/IND-3

Size	PR	Spec	T/T	T/L
42×13-20	36	–	●	–
42×18-20	36	–	●	●
44×15-20	36	–	●	–
44×18-20	36	–	–	●
50×20-20	36	–	–	●

NOTES : This size in the picture is 50×20-20.
Tread pattern of the other sizes is different.

Y20 IND-3

- Tough tread protects against cuts and snags.
- Wide ground contact area lengthens service life.
- New tread rubber compound provides outstanding wear and cut resistance.

Use : Underground Vehicles

Y20/IND-3

Size	PR	Spec	T/T	T/L
39×15-20	36	–	●	●

Industrial

Forklifts, Container Handlers, Reach Stackers, Log Stackers, Log Handlers
Towing Tractors, Straddle Carriers, Transfer Cranes

RADIAL

RL43 IND-4 DEEP TREAD

- RL43 is designed for forklifts and terminal tractors.
- This type provides better stability in heavy load operations.

Use : Forklifts

RL43/IND-4

Size	Star Mark	T/T	T/L
14.00R24NHS	☆☆☆	●	–

RR41 IND-4 DEEP TREAD

- Two main circumferential grooves provide excellent steering stability and improve vibration caused by tread design.
- Steel cord belting acts to guard against punctures.
- Specially designed for straddle carriers.

Use : Straddle Carriers

RR41/IND-4

Size	Star Mark	T/T	T/L
16.00R25	☆☆☆	–	●

BIAS

Y92 IND-3

- The Y92 is suited for vehicles such as straddle carriers for container handling and towing tractors used at airports.
- This tire has a large tread width and ground contact area for good traction on paved ground surfaces.

Use : Straddle Carriers,
Towing Tractors & Forklifts

Y92/IND-3

Size	PR	Spec	T/T	T/L
14.00-24NHS	24	–	●	–
	28	–	●	–

Y573 IND-3

- Specially designed for towing tractors, this tire provides a combination of excellent wear resistance and outstanding traction.

Use : Towing Tractors

Y573/IND-3

Size	PR	Spec	T/T	T/L
17.5-25	36	–	–	●

Y67 IND-3

- Reinforced bead and sidewall area provide exceptional durability.
- Highly durable spec enables increased load capacity.
- Special compounding enables less heat generation and additional scrub resistance.
- Optimal rubber-to-void ratio provides better stability while deeper tread depths enhance traction.

Use : Towing Tractors, Straddle Carriers,
Transfer Cranes & Forklifts

Y67/IND-3

Size	PR	Spec	T/T	T/L
11.00-20NHS	16	–	●	–
		SB	●	–
	18	–	●	–
12.00-20NHS	22	–	●	–
12.00-24NHS	20	–	●	–
	28	–	●	–
13.00-24NHS	18	–	●	–
	20	–	●	–
14.00-24NHS	20	–	●	–
	24	–	●	–
	28	–	●	●
14.00-25NHS	24	–	●	●
		SB	–	●
16.00-25	28	–	●	●
	32	–	–	●
	36	–	–	●
18.00-25	32	–	●	●
	36	–	●	●
	40	–	–	●
21.00-25	36	–	–	●
	40	–	–	●
24.00-29	42	–	–	●
21.00-35	40	–	–	●
24.00-35	42	–	–	●
	48	–	–	●
29.5-25	34	–	–	●
29.5-29	40	–	–	●
33.25-29	38	–	–	●
33.25-35	44	–	–	●
37.5-39	60	–	–	●

Y69 IND-3

- Suited for vehicles such as straddle carriers for contanier handling and forklifts.
- This tire has a large tread width and ground contact area for good traction on paved ground surfaces.

Use : Straddle Carriers & Forklifts

Y69/IND-3

Size	PR	Spec	T/T	T/L
12.00-24NHS	18	–	●	–

Y69PS IND-3

- Suited for vehicles such as straddle carriers, container handlers and towing tractors used at airports.
- Large tread width and ground contact area for good traction on paved surfaces.
- Compound specifically designed to resist wear in high-scrub applications.

Use : Straddle Carriers & Towing Tractors

Y69PS/IND-3

Size	PR	Spec	T/T	T/L
16.00-25	28	–	●	●
	32	–	●	●

Y69 IND-4 SMOOTH DEEP TREAD

- Optimized tread volume and ID specification handles heavier loads.
- Wider tread base provides better ground contact and stability.
- Tread compound optimized for longer wear on concrete and asphalt surfaces.
- Special under-tread compounds and an over-ply casing resist heat generation.
- Deep tread and reinforced bead and sidewall increase durability in tough operations.

Use : Container Handlers,
Forklifts & Log Handlers

Y69/IND-4

Size	PR	Spec	T/T	T/L
12.00-24NHS	20	–	●	–
14.00-24NHS	30	–	●	–
18.00-25	36	–	–	●
	40	–	–	●
21.00-25	40	–	–	●
18.00-33	40	–	–	●
21.00-35	42	–	–	●

NHS : Not for highway service
T/T : Tube Type
T/L : Tubeless Type
SB : Steel Breaker construction

Industrial

Forklifts, Container Handlers, Reach Stackers, Log Stackers, Log Handlers
Towing Tractors, Straddle Carriers, Transfer Cranes

BIAS

Y505 IND-3/IND-4 DEEP TREAD

- The Y505 is designed specially for reach stackers and container handlers.
- This tire provides excellent durability performance with good tread wear resistance and less uneven tread wear.

Use : Container Handlers,
Forklifts & Reach Stackers

Y505/IND-3

Size	PR	Spec	T/T	T/L
12.00-24NHS	20	–	●	–
14.00-24NHS	28	–	●	●

Y505/IND-4

Size	PR	Spec	T/T	T/L
18.00-25	40	–	–	●

Y523 IND-4 DEEP TREAD

- Specially designed for use under highly abrasive conditions.
- Large ground contact area of wide, deep double chevron uniform pattern provides good cut resistance and long service life.

Use : Log Stackers,
Container Handlers & Forklifts

Y523/IND-4

Size	PR	Spec	T/T	T/L
16.00-25	36	–	–	●
18.00-25	32	–	–	●
	36	–	–	●
	40	–	–	●
18.00-33	36	–	–	●
	40	–	–	●
		SB	–	●
24.00-35	42	–	–	●
27.00-49	42	–	–	●
33.00-51	58	–	–	●
36.00-51	58	–	–	●
	72	–	–	●
40.00-57	68	SB	–	●
	76	–	–	●

Y523U IND-4 DEEP TREAD

- This tire is suited for log stackers and log handlers with a reinforced bead area and heavy load capacity allowance.

Use : Log Stackers,
Container Handlers & Forklifts

Y523U/IND-4

Size	PR	Spec	T/T	T/L
18.00-33	40	–	–	●

NHS : Not for highway service
T/T : Tube Type
T/L : Tubeless Type
SB : Steel Breaker construction

BIAS

Y20

- The Y20 is designed specially for forklifts and special duty industrial vehicles.
- This tire provides well-baranced performance with good durability, braking and traction.

Use : Forklifts

Y20

Size	PR	Spec	T/T	T/L
4.00- 8	6	–	●	–
5.00- 8	8	–	●	–
5.00- 9	8	–	●	–
6.00- 9	10	–	●	–
6.50-10	10	–	●	–
5.50-15	8	–	●	–
8.25-15	12	–	●	–
	14	–	●	–
9.00-16	14	–	●	–
8.25-20	12	–	●	–
	14	–	●	–
9.00-20	14	–	●	–
10.00-20	14	–	●	–
	16	–	●	–
11.00-20	14	–	●	–
	16	–	●	–
12.00-20	16	–	●	–
	18	–	●	–
13.00-20	20	–	●	–
12.00-24	16	–	●	–

Y520

- The Y520 is designed specially for forklifts.
- This tire provides long service life with deep tread and large ground contact area.

Use : Forklifts

Y520

Size	PR	Spec	T/T	T/L
5.00-8	8	–	●	–
		SB	●	–
	10	–	●	–
16×6-8	10	–	●	–
18×7-8	10	–	●	–
	14	–	●	–
	16	–	●	–
6.00-9	10	–	●	–
		SB	●	–
21×8-9	10	–	●	–
	14	–	●	–
6.50-10	10	–	●	–
		SB	●	–
7.00-12	12	–	●	–
		SB	●	–
	14	–	●	–
3.00-15	18	–	●	–
5.50-15	8	–	●	–
		SB	●	–
6.00-15	10	–	●	–
		SB	●	–
7.00-15	10	–	●	–
	12	–	●	–
8.25-15	12	–	●	–
	14	–	●	–
28×9-15	12	–	●	–
		SB	●	–
7.50-16	12	–	●	–
		SB	●	–

Y520A and Y520 can not be fitted on the same axle due to different overall diameter.

Y520A

- The Y520A is designed of smaller diameter than the Y520 with deep tread.

Use : Forklifts

Y520A

Size	PR	Spec	T/T	T/L
6.50-10	10	–	●	–
	12	–	●	–
4.50-12	8	–	●	–
7.00-12	12	–	●	–
2.50-15	16	–	●	–
8.25-15	16	SB	●	–
28×8-15	12	–	●	–

Y520A and Y520 can not be fitted on the same axle due to different overall diameter.

NHS : Not for highway service
T/T : Tube Type
T/L : Tubeless Type
SB : Steel Breaker construction

Line-up

Earthmover

RADIAL

Size	TRA Code	Star Mark Ply Rating	T/T	T/L	Spec
RT31					P.7
20.5R25	*1 E-3	☆☆	–	●	CP
23.5R25	E-3	☆☆	–	●	CP
750/65R25	E-3	☆☆	–	●	CP
26.5R25	*1 E-3	☆☆	–	●	CP
RB31					P.7
17.5R25	E-3	☆☆	–	●	CP
20.5R25	E-3	☆☆	–	●	CP
23.5R25	E-3	☆☆	–	●	CP
26.5R25	E-3	☆☆	–	●	CP
29.5R25	E-3	☆☆	–	●	CP
RL31					P.7
17.5R25	E-3	☆☆	–	●	CP
20.5R25	E-3	☆☆	–	●	CP
23.5R25	*1 E-3	☆☆	–	●	CP
RT41					P.8
23.5R25	E-4	☆☆	–	●	CP
	E-4	☆☆	–	●	CPUG
26.5R25	E-4	☆☆	–	●	CP
	E-4	☆☆	–	●	CPUG
29.5R25	E-4	☆☆	–	●	CP
	E-4	☆☆	–	●	CPUG
RL45					P.8
26.5R25	E-4	☆☆	–	●	CP
29.5R25	E-4	☆☆	–	●	CP
RB41					P.8
14.00R25NHS	E-4	☆☆☆	–	●	REG
16.00R25	E-4	☆☆	–	●	REG
	E-4	☆☆	–	●	CP
RB42					P.7
18.00R33	E-4	☆☆	–	●	CP
24.00R35	E-4	☆☆	–	●	CP-S
	E-4	☆☆	–	●	CP
	E-4	☆☆	–	●	REG
	E-4	☆☆	–	●	HR
27.00R49	E-4	☆☆	–	●	CP-S
	E-4	☆☆	–	●	CP
	E-4	☆☆	–	●	REG
	E-4	☆☆	–	●	HR
33.00R51	E-4	☆☆	–	●	CP-S
	E-4	☆☆	–	●	CP
	E-4	☆☆	–	●	REG
RB42A					P.7
24.00R35	E-4	☆☆	–	●	CP-S
	E-4	☆☆	–	●	CP
	E-4	☆☆	–	●	REG
RL42					P.7
18.00R33	E-4	☆☆	–	●	CP
24.00R35	E-4	☆☆	–	●	CP
	E-4	☆☆	–	●	HR
RL47					P.8
33.00R51	E-4	☆☆	–	●	CP-S
	E-4	☆☆	–	●	CP
	E-4	☆☆	–	●	REG

BIAS

Size	TRA Code	Star Mark Ply Rating	T/T SB	T/T –	T/L SB	T/L –	Spec
Y67							P.9
10.00-20NHS	E-3	14	●	●	–	–	–
	E-3	24	●	●	–	–	–
11.00-20NHS	E-3	14	–	●	–	–	–
12.00-20NHS	E-3	16	–	●	–	–	–
	E-3	18	●	●	–	–	–
	E-3	24	●	–	–	–	–
	E-3	28	●	–	–	–	–
14.00-20NHS	E-3	32	–	●	–	–	–
12.00-24NHS	E-3	16	–	●	–	–	–
	E-3	20	–	●	–	–	–
14.00-24NHS	E-3	20	–	●	–	–	CP
	E-3	24	–	●	–	–	CP
	E-3	28	–	●	–	–	CP
16.00-24NHS	E-3	24	–	–	–	●	REG
14.00-25NHS	E-3	20	–	●	–	●	CP
	E-3	24	●	–	–	–	CP
	E-3	24	●	–	–	●	REG

BIAS

Size	TRA Code	Star Mark Ply Rating	T/T SB	T/T –	T/L SB	T/L –	Spec
Y67							P.9
16.00-25	E-3	24	●	●	●	●	CP
	E-3	28	–	●	●	●	CP
	E-3	32	–	–	–	●	REG
18.00-25	E-3	32	–	●	–	●	CP
	E-3	40	–	–	–	●	CP
21.00-25	E-3	24	–	–	–	●	REG
18.00-33	E-3	28	–	–	–	●	CP-C
	E-3	32	–	–	–	●	CP-C
	E-3	36	–	–	–	●	CP-C
27.00-49	E-3	48	–	–	–	●	HR-V
20.5-25	E-3	28	–	–	–	●	HR
23.5-25	E-3	32	–	–	–	●	HR
26.5-25	E-3	26	–	–	–	●	REG
29.5-25	E-3	28	–	–	–	●	REG
	E-3	28	–	–	–	●	HR
	E-3	34	–	–	–	●	HR
26.5-29	E-3	26	–	–	–	●	REG
29.5-29	E-3	28	–	–	–	●	REG
	E-3	34	–	–	●	●	CP
33.25-29	E-3	26	–	–	–	●	CP
	E-3	32	–	–	●	●	CP
29.5-35	E-3	34	–	–	–	●	REG
33.25-35	E-3	32	–	–	–	●	CP
	E-3	38	–	–	–	●	REG
37.25-35	E-3	30	–	–	–	●	CP
	E-3	36	–	–	●	●	CP
	E-3	36	–	–	●	●	REG
37.5-39	E-3	44	–	–	–	●	CP
	E-3	52	–	–	●	●	CP
	E-3	52	–	–	●	●	REG
Y565							P.9
36.00-51	E-3	58	–	–	–	●	RE-T
	E-3	66	–	–	–	●	RE-T
	E-3	66	–	–	–	●	HR-V
Y523							P.10
16.00-25	E-4	24	–	–	–	●	CP
	E-4	28	–	–	–	●	CP
18.00-25	E-4	32	–	–	–	●	CP
	E-4	40	–	–	–	●	CP
18.00-33	E-4	32	–	–	–	●	CP-C
	E-4	36	–	–	–	●	CP-C
	E-4	40	–	–	●	●	CP-C
21.00-35	E-4	36	–	–	●	●	CP-C
	E-4	36	–	–	●	●	RE-R
	E-4	40	–	–	–	●	CP-C
	E-4	40	–	–	–	●	RE-R
24.00-35	E-4	36	–	–	–	●	CP-C
	E-4	36	–	–	–	●	RE-R
	E-4	42	–	–	–	●	CP-S
	E-4	42	–	–	●	●	CP-C
	E-4	42	–	–	–	●	RE-R
	E-4	42	–	–	–	●	HR-H
	E-4	48	–	–	–	●	CP-C
24.00-49	E-4	42	–	–	–	●	CP-C
	E-4	48	–	–	–	●	CP-C
	E-4	48	–	–	–	●	HR-V
27.00-49	E-4	42	–	–	–	●	CP-C
	E-4	42	–	–	–	●	RE-R
	E-4	48	–	–	●	●	CP-S
	E-4	48	–	–	●	●	CP-C
	E-4	48	–	–	●	●	RE-R
	E-4	48	–	–	●	●	HR-H
	E-4	48	–	–	●	●	HR-V
30.00-51	E-4	46	–	–	–	●	CP-S
	E-4	46	–	–	–	●	CP-C
	E-4	46	–	–	–	●	RE-T
	E-4	52	–	–	–	●	CP-C
	E-4	52	–	–	–	●	HR-V
33.00-51	E-4	50	–	–	●	–	CP-S
	E-4	58	–	–	–	●	CP-C
	E-4	58	–	–	–	●	RE-R
	E-4	58	–	–	–	●	HR-V
36.00-51	E-4	50	–	–	–	●	CP-C
	E-4	58	–	–	–	●	CP-C
	E-4	66	–	–	–	●	RE-T
40.00-57	E-4	68	–	–	–	●	RE-T
	E-4	68	–	–	–	●	HR-V
	E-4	76	–	–	–	●	RE-R
	E-4	76	–	–	–	●	RE-T
	E-4	76	–	–	–	●	HR-V

TG : Tractor-Grade tire. Not for highway service.
NHS : Not for highway service
*1= E-3+ Tread depth 125% level

T/T : Tube Type
T/L : Tubeless Type
SB : Steel Breaker construction

Earthmover

BIAS

Size	TRA Code	Star Mark Ply Rating	T/T SB	T/T –	T/L SB	T/L –	Spec
Y523U							P.10
18.00-33	E-4	32	–	–	–	●	CP-C
Y567							P.10
33.00-51	E-4	50	–	–	●	●	CP-S
	E-4	50	–	–	●	●	RE-R
	E-4	58	–	–	–	●	CP-C
	E-4	58	–	–	–	●	RE-R
	E-4	58	–	–	–	●	RE-T
	E-4	58	–	–	–	●	HR-V
40.00-57	E-4	68	–	–	–	●	CP-C
	E-4	68	–	–	–	●	RE-R
	E-4	68	–	–	–	●	HR-V
Y67E							P.9
29.5-29	E-4	34	–	–	●	–	CP

Loader & Dozer

RADIAL

Size	TRA Code	Star Mark Ply Rating	T/T	T/L	Spec
RT31					P.11
20.5R25	*1 L-3	☆	–	●	CP
23.5R25	L-3	☆	–	●	CP
750/65R25	L-3	☆	–	●	CP
26.5R25	*1 L-3	☆	–	●	CP
RB31					P.11
17.5R25	L-3	☆	–	●	CP
20.5R25	L-3	☆	–	●	CP
23.5R25	L-3	☆	–	●	CP
26.5R25	L-3	☆	–	●	CP
29.5R25	L-3	☆	–	●	CP
RL31					P.11
17.5R25	L-3	☆	–	●	CP
20.5R25	L-3	☆	–	●	CP
23.5R25	*1 L-3	☆	–	●	CP
RT41					P.12
23.5R25	L-4	☆	–	●	CP
26.5R25	L-4	☆	–	●	CP
29.5R25	L-4	☆	–	●	CP
RL45					P.12
26.5R25	L-4	☆	–	●	CP
29.5R25	L-4	☆	–	●	CP
RL51					P.12
23.5R25	L-5	☆	–	●	CP
RL52					P.11
26.5R25	L-5	☆	–	●	CP
MYX S01					P.11
17.5R25	L-2	☆	–	●	–
20.5R25	L-2	☆	–	●	–

BIAS

Size	TRA Code	Star Mark Ply Rating	T/T SB	T/T –	T/L SB	T/L –	Spec
Y103							P.13
12.5/70-16	L-2	6	–	–	–	●	–
10-16.5NHS	L-2	4	–	●	–	●	–
	L-2	6	–	–	–	●	–
13.5-20	L-2	14	–	●	–	–	–
42×17-20	L-2	10	–	●	–	–	–
17.5/65-20	L-2	10	–	–	–	●	–
16.9-24	L-2	10	–	●	–	●	–
	L-2	12	–	●	–	●	–
18.4-24	L-2	10	–	●	●	●	–
10.00-20NHS	L-2	8	–	●	–	–	–
	L-2	10	–	●	–	–	–
	L-2	14	–	●	–	–	–
14.00-24TG	L-2	12	–	●	–	●	–
16.00-24TG	L-2	16	–	●	–	–	–
15.5-25	L-2	12	–	●	–	●	–
17.5-25	L-2	12	–	●	–	●	–
	L-2	16	–	●	–	●	–
20.5-25	L-2	12	–	–	–	●	–
	L-2	16	–	–	–	●	–
23.5-25	L-2	12	–	–	–	●	–
	L-2	16	–	–	–	●	–

Loader & Dozer

BIAS

Size	TRA Code	Star Mark Ply Rating	T/T SB	T/T –	T/L SB	T/L –	Spec
Y548							P.13
12.5/70-16	L-2	6	–	–	–	●	–
17.5/65-20	L-2	10	–	–	–	●	–
16.9-24	L-2	10	–	●	–	●	–
	L-2	12	–	–	–	●	–
18.4-24	L-2	10	–	–	–	●	–
17.5-25	L-2	12	–	●	–	●	–
	L-2	16	–	●	–	●	–
20.5-25	L-2	12	–	●	–	●	–
	L-2	16	–	●	–	●	–
	L-2	20	–	–	–	●	–
Y67							P.13
16.9-24	L-3	10	●	●	●	●	–
12.00-24NHS	L-3	16	–	●	–	–	–
	L-3	20	–	●	–	–	–
13.00-24TG	L-3	16	–	–	●	–	–
13.00-24NHS	L-3	18	–	●	–	–	–
14.00-24TG	L-3	12	–	●	●	●	–
	L-3	16	–	●	–	●	–
14.00-24NHS	L-3	24	–	●	–	–	–
15.5-25	L-3	12	–	●	–	●	–
17.5-25	L-3	12	●	●	●	●	–
	L-3	16	–	●	–	●	–
20.5-25	L-3	12	–	●	–	●	–
	L-3	16	–	●	–	●	–
	L-3	20	–	●	–	●	–
23.5-25	L-3	12	–	●	–	–	–
	L-3	16	–	●	●	●	–
	L-3	20	–	–	–	●	–
	L-3	24	–	●	–	●	–
26.5-25	L-3	16	–	–	–	●	–
	L-3	20	–	●	–	●	–
	L-3	24	–	●	–	●	–
	L-3	26	–	–	–	●	–
	L-3	28	–	–	–	●	–
29.5-25	L-3	22	–	–	–	●	–
	L-3	28	–	–	–	●	–
29.5-29	L-3	28	–	–	–	●	–
Y526K							P.13
20.5-25	L-3	16	–	●	●	●	–
	L-3	20	–	●	–	●	–
23.5-25	L-3	16	●	–	●	●	–
	L-3	20	–	●	●	●	–
Y575							P.14
17.5-25	L-3	12	–	●	●	●	–
	L-3	16	–	–	–	●	–
20.5-25	L-3	12	–	●	●	●	–
	L-3	16	–	●	●	●	–
	L-3	20	–	●	–	●	–
23.5-25	L-3	16	●	●	●	●	–
	L-3	20	–	●	●	●	–
	L-3	24	–	–	–	●	–
26.5-25	L-3	16	–	–	–	●	–
	L-3	20	–	●	●	●	–
	L-3	24	●	–	–	●	–
	L-3	28	–	–	–	●	–
29.5-25	L-3	22	–	–	●	●	–
	L-3	28	–	–	●	●	–
	L-3	34	–	–	●	–	–
Y545							P.14
23.5-25	L-4	16	–	–	●	●	–
	L-4	20	–	–	●	●	–
	L-4	24	–	–	–	●	–
26.5-25	L-4	20	–	–	–	●	–
	L-4	24	–	–	–	●	–
	L-4	26	–	–	–	●	–
	L-4	32	–	–	–	●	–
29.5-25	L-4	22	–	–	–	●	–
	L-4	28	–	–	–	●	–
35/65-33	L-4	24	–	–	●	–	–
	L-4	30	–	–	●	–	–
	L-4	36	–	–	●	–	–
	L-4	42	–	–	●	–	–
45/65-45	L-4	58	–	–	●	–	–

Specification Code
CP : Cut Protected
CP-S : Cut Protected-S
CP-C : Cut Protected-C
CPUG : Cut Protected for Underground
REG : Regular
RE-R : Regular-R
RE-T : Regular-T
HR : Heat Resistant
HR-H : Heat Resistant-H
HR-V : Heat Resistant-V

Line-up

Loader & Dozer

BIAS

Size	TRA Code	Star Mark Ply Rating	T/T SB	T/T –	T/L SB	T/L –	Spec
Y67E							P.14
17.5-25	L-4	12	–	–	–	●	–
29.5-29	L-4	28	–	–	–	●	–
Y524							P.14
20.5-25	L-5	12	–	–	–	●	–
	L-5	16	–	–	–	●	–
	L-5	20	–	–	–	●	–
23.5-25	L-5	16	–	–	–	●	–
	L-5	20	–	–	–	●	–
	L-5	24	–	–	–	●	–
26.5-25	L-5	20	–	–	–	●	–
	L-5	24	–	–	–	●	–
	L-5	26	–	–	–	●	–
	L-5	28	–	–	–	●	–
	L-5	32	–	–	●	●	–
29.5-25	L-5	22	–	–	–	●	–
	L-5	28	–	–	●	●	–
29.5-29	L-5	28	–	–	–	●	–
	L-5	34	–	–	●	–	–
35/65-33	L-5	24	–	–	●	–	–
	L-5	30	–	–	●	–	–
	L-5	36	–	–	●	–	–
	L-5	42	–	–	●	–	–
	L-5	48	–	–	●	–	–
40/65-39	L-5	36	–	–	●	–	–
	L-5	56	–	–	●	–	–
45/65-45	L-5	38	–	–	●	–	–
	L-5	46	–	–	●	–	–
	L-5	50	–	–	●	–	–
	L-5	58	–	–	●	–	–
Y524Z							P.14
35/65-33	L-5	24	–	–	●	–	–
	L-5	36	–	–	●	–	–
	L-5	42	–	–	●	–	–
45/65-45	L-5	38	–	–	●	–	–
	L-5	46	–	–	●	–	–
	L-5	50	–	–	●	–	–
	L-5	58	–	–	●	–	–

Grader

RADIAL

Size	TRA Code	Star Mark Ply Rating	T/T	T/L	Spec
RT21					P.15
14.00R24TG	G-2	☆	–	●	–
MYX S01					P.15
17.5R25	G-2	☆	–	●	–
20.5R25	G-2	☆	–	●	–

BIAS

Size	TRA Code	Star Mark Ply Rating	T/T SB	T/T –	T/L SB	T/L –	Spec
Y103							P.15
11.00-20TG	G-2	10	–	●	–	–	–
	G-2	12	–	●	–	–	–
12.00-24TG	G-2	12	–	●	–	–	–
13.00-24TG	G-2	8	–	●	–	●	–
	G-2	10	–	●	–	●	–
	G-2	12	–	●	–	●	–
14.00-24TG	G-2	10	–	●	–	●	–
	G-2	12	–	●	–	●	–
	G-2	14	–	●	–	–	–
	G-2	16	–	●	–	●	–
	G-2	20	–	●	–	–	–
16.00-24TG	G-2	12	–	●	–	–	–
17.5-25	G-2	12	–	–	–	●	–
Y67							P.15
13.00-24TG	G-3	12	–	●	–	●	–
14.00-24TG	G-3	12	●	–	–	–	–
	G-3	16	–	●	–	●	–
16.00-24TG	G-3	12	–	●	–	–	–
	G-3	16	–	●	–	●	–
18.00-25	G-3	16	–	–	–	●	–

TG : Tractor-Grade tire. Not for highway service.
NHS : Not for highway service

T/T : Tube Type
T/L : Tubeless Type
SB : Steel Breaker construction

Compactor

BIAS

Size	TRA Code	Star Mark Ply Rating	T/T SB	T/T –	T/L SB	T/L –	Spec
Y69							P.16
7.50-16NHS	C-1	6	–	●	–	–	–
9.00-20NHS	C-1	10	–	●	–	–	–
11.00-20NHS	C-1	14	–	●	–	–	–
14/70-20NHS	C-1	12	–	●	–	–	–
15.0-20NHS	C-1	16	–	●	–	–	–

Mobile Crane

RADIAL

Size	TRA Code	Star Mark Ply Rating	T/T	T/L	Spec
RB01					P.16
14.00R24NHS	CRANE	☆☆☆	●	–	–
385/95R25	CRANE	170E	–	●	–
	CRANE	170F	–	●	–
445/95R25	CRANE	174F	–	●	–
505/95R25	CRANE	183E	–	●	–
RB03					P.16
14.00R24NHS	CRANE	☆☆☆	●	–	–
385/95R25	CRANE	170E	–	●	–
	CRANE	170F	–	●	–
RS01					P.16
385/95R25	CRANE	170E	–	●	–

Underground

RADIAL

Size	TRA Code	Star Mark Ply Rating	T/T	T/L	Spec
RT41					P.17
23.5R25	E-4	☆☆	–	●	CPUG
26.5R25	E-4	☆☆	–	●	CPUG
29.5R25	E-4	☆☆	–	●	CPUG
R69					P.17
18.00R25	L-5S	☆☆	–	●	CPUG

BIAS

Size	TRA Code	Star Mark Ply Rating	T/T SB	T/T –	T/L SB	T/L –	Spec
Y69							P.17
12.00-24NHS	L-5S	16	–	●	–	–	–
	L-5S	20	–	●	–	–	–
14.00-24NHS	L-5S	20	–	●	–	–	–
	L-5S	24	–	●	–	–	–
18.00-25	L-5S	24	–	–	–	●	–
	L-5S	28	–	●	–	●	–
	L-5S	32	–	–	–	●	–
17.5-25	L-5S	16	–	–	–	●	–
	L-5S	20	–	●	–	●	–
	L-5S	24	–	–	–	●	–
	L-5S	28	–	–	–	●	–
20.5-25	L-5S	16	–	–	–	●	–
	L-5S	28	–	–	–	●	–
23.5-25	L-5S	20	–	–	–	●	–
	L-5S	28	–	●	–	–	–
26.5-25	L-5S	28	–	–	–	●	–
	L-5S	32	–	–	–	●	–
	L-5S	36	–	–	–	●	–
Y69K							P.17
18.00-25	L-5S	28	–	–	●	●	–
	L-5S	32	–	–	–	●	–
26.5-25	L-5S	26	–	–	–	●	–
	L-5S	32	–	–	–	●	–
	L-5S	36	–	–	–	●	–
29.5-29	L-5S	34	–	–	–	●	–
	L-5S	40	–	–	●	●	–
Y69U							P.17
12.00-24NHS	L-4S	16	●	–	–	–	–
	L-5S	16	●	–	–	–	–
18.00-25	L-5S	24	–	–	●	–	–
	L-5S	28	–	–	●	–	–
	L-5S	32	–	–	●	–	–
17.5-25	L-5S	20	–	–	●	–	–
	L-5S	28	–	–	●	–	–
26.5-25	L-5S	28	–	–	●	–	–
	L-5S	32	–	–	●	–	–

Underground

BIAS

Size	TRA Code	Star Mark Ply Rating	T/T SB	T/T –	T/L SB	T/L –	Spec
Y525							P.17
12.00-24NHS	L-5	20	–	●	–	–	–
Y67							P.18
10.00-20NHS	E-3	24	●	●	–	–	–
12.00-20NHS	E-3	24	●	–	–	–	–
	E-3	28	●	–	–	–	–
14.00-20NHS	E-3	32	–	●	–	–	–
12.00-24NHS	IND-3	28	–	●	–	–	–
42×13-20	IND-3	36	–	●	–	–	–
42×18-20	IND-3	36	–	●	–	●	–
44×15-20	IND-3	36	–	●	–	–	–
44×18-20	IND-3	36	–	–	–	●	–
50×20-20	IND-3	36	–	–	–	●	–
Y20							P.18
39×15-20	IND-3	36	–	●	–	●	–

Industrial

RADIAL

Size	TRA Code	Star Mark Ply Rating	T/T	T/L	Spec
RL43					P.19
14.00R24NHS	IND-4	☆☆☆	●	–	–
RR41					P.19
16.00R25	IND-4	☆☆☆	–	●	–

BIAS

Size	TRA Code	Star Mark Ply Rating	T/T SB	T/T –	T/L SB	T/L –	Spec
Y92							P.19
14.00-24NHS	IND-3	24	–	●	–	–	–
	IND-3	28	–	●	–	–	–
Y67							P.20
11.00-20NHS	IND-3	16	●	●	–	–	–
	IND-3	18	–	●	–	–	–
12.00-20NHS	IND-3	22	–	●	–	–	–
12.00-24NHS	IND-3	20	–	●	–	–	–
	IND-3	28	–	●	–	–	–
13.00-24NHS	IND-3	18	–	●	–	–	–
	IND-3	20	–	●	–	–	–
14.00-24NHS	IND-3	20	–	●	–	–	–
	IND-3	24	–	●	–	–	–
	IND-3	28	–	●	–	●	–
14.00-25NHS	IND-3	24	–	●	●	●	–
16.00-25	IND-3	28	–	●	–	●	–
	IND-3	32	–	–	–	●	–
	IND-3	36	–	–	–	●	–
18.00-25	IND-3	32	–	●	–	●	–
	IND-3	36	–	●	–	●	–
	IND-3	40	–	–	–	●	–
21.00-25	IND-3	36	–	–	–	●	–
	IND-3	40	–	–	–	●	–
24.00-29	IND-3	42	–	–	–	●	–
21.00-35	IND-3	40	–	–	–	●	–
24.00-35	IND-3	42	–	–	–	●	–
	IND-3	48	–	–	–	●	–
29.5-25	IND-3	34	–	–	–	●	–
29.5-29	IND-3	40	–	–	–	●	–
33.25-35	IND-3	44	–	–	–	●	–
33.25-29	IND-3	38	–	–	–	●	–
37.5-39	IND-3	60	–	–	–	●	–
Y69PS							P.20
16.00-25	IND-3	28	–	●	–	●	–
	IND-3	32	–	●	–	●	–
Y505							P.21
12.00-24NHS	IND-3	20	–	●	–	–	–
14.00-24NHS	IND-3	28	–	●	–	●	–
18.00-25	IND-4	40	–	–	–	●	–
Y573							P.19
17.5-25	IND-3	36	–	–	–	●	–

Industrial

BIAS

Size	TRA Code	Star Mark Ply Rating	T/T SB	T/T –	T/L SB	T/L –	Spec
Y523							P.21
16.00-25	IND-4	36	–	–	–	●	–
18.00-25	IND-4	32	–	–	–	●	–
	IND-4	36	–	–	–	●	–
	IND-4	40	–	–	–	●	–
18.00-33	IND-4	36	–	–	–	●	–
	IND-4	40	–	–	●	●	–
24.00-35	IND-4	42	–	–	–	●	–
27.00-49	IND-4	42	–	–	–	●	–
33.00-51	IND-4	58	–	–	–	●	–
36.00-51	IND-4	58	–	–	–	●	–
	IND-4	72	–	–	–	●	–
40.00-57	IND-4	68	–	–	●	–	–
	IND-4	76	–	–	–	●	–
Y523U							P.21
18.00-33	IND-4	40	–	–	–	●	–
Y69							P.20
12.00-24NHS	IND-3	18	–	●	–	–	–
	IND-4	20	–	●	–	–	–
14.00-24NHS	IND-4	30	–	●	–	–	–
18.00-25	IND-4	36	–	–	–	●	–
	IND-4	40	–	–	–	●	–
21.00-25	IND-4	40	–	–	–	●	–
18.00-33	IND-4	40	–	–	–	●	–
21.00-35	IND-4	42	–	–	–	●	–
Y20							P.22
4.00- 8	IND	6	–	●	–	–	–
5.00- 8	IND	8	–	●	–	–	–
5.00- 9	IND	8	–	●	–	–	–
6.00- 9	IND	10	–	●	–	–	–
6.50-10	IND	10	–	●	–	–	–
5.50-15	IND	8	–	●	–	–	–
8.25-15	IND	12	–	●	–	–	–
	IND	14	–	●	–	–	–
9.00-16	IND	14	–	●	–	–	–
8.25-20	IND	12	–	●	–	–	–
	IND	14	–	●	–	–	–
9.00-20	IND	14	–	●	–	–	–
10.00-20	IND	14	–	●	–	–	–
	IND	16	–	●	–	–	–
11.00-20	IND	14	–	●	–	–	–
	IND	16	–	●	–	–	–
12.00-20	IND	16	–	●	–	–	–
	IND	18	–	●	–	–	–
13.00-20	IND	20	–	●	–	–	–
12.00-24	IND	16	–	●	–	–	–
Y520							P.22
5.00-8	IND	8	●	●	–	–	–
	IND	10	–	●	–	–	–
16×6-8	IND	10	–	●	–	–	–
18×7-8	IND	10	–	●	–	–	–
	IND	14	–	●	–	–	–
	IND	16	–	●	–	–	–
6.00-9	IND	10	●	●	–	–	–
21×8-9	IND	10	–	●	–	–	–
	IND	14	–	●	–	–	–
6.50-10	IND	10	●	●	–	–	–
7.00-12	IND	12	●	●	–	–	–
	IND	14	–	●	–	–	–
3.00-15	IND	18	–	●	–	–	–
5.50-15	IND	8	●	●	–	–	–
6.00-15	IND	10	●	●	–	–	–
7.00-15	IND	10	–	●	–	–	–
	IND	12	–	●	–	–	–
8.25-15	IND	12	–	●	–	–	–
	IND	14	–	●	–	–	–
28×9-15	IND	12	●	●	–	–	–
7.50-16	IND	12	●	●	–	–	–
Y520A							P.22
6.50-10	IND	10	–	●	–	–	–
	IND	12	–	●	–	–	–
4.50-12	IND	8	–	●	–	–	–
7.00-12	IND	12	–	●	–	–	–
2.50-15	IND	16	–	●	–	–	–
8.25-15	IND	16	●	–	–	–	–
28×8-15	IND	12	–	●	–	–	–

CPUG : Cut Protected for Underground