## SAFETY PRECAUTIONS CONCERNING MOUNTING, DEMOUNTING AND OPERATION

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 2. DURING MOUNTING AND INFLATION physical injury or death.

### **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.)

### **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 ack your distributor if you have any doubts (Mismatched) or ask your distributor if you have any doubts.(Mismatched parts may appear to fit, but when the tire is inflated they may y 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.)

- 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<sup>2</sup> (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<sup>2</sup> (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.

- Do not use under-inflated tires.
- Do not bleed or reduce air pressure to compensate for the 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 fatique 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.









# **GET YOUR JOB DONE**



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



### TIMELINE

### 1910s

Yokohama Rubber Established (1917)

#### 1920s

- Japan's first corded tire developed in Hama Town

#### 1930s

AMATOWN HEAVY

OVAN

#### 1940s

### 1950s

- Construction of Hiratsuka plant begins

#### 1960s

- Truck and Bus High-Speed tire debut (High-speed Y98)
- Developed the Y-490 drag-racing slicks

### 1970s

- Launched sales of G.T. SPECIAL SEALEX. offering automatic puncture-sealing—a first for Japan
- Launched sales of ADVAN HF for passenger cars
- Launched worldwide development of truck tires (40.00-57 60PR/200t Dump Truck Tire)

#### 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
- "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

### 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

### 2010s

- 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,



The Hiranuma Plant destroyed in the Great Kanto Earthquak

The first tire was produced at the Yokohama plan

Yokohama plant is destroyed by the allied forces

Bus and truck tire development (Hama King) Develop Japan's first nylon corded tire Nylon corded airplane tires produced domestically

Developed Japan's first privately produced jet airplane tires

- 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















ADVAN HE

Launch of the Truck/Bus STEM series radial, with performance based on the

- Launched the first of the BluEarth series, a people-friendly and eco-friendly,
- offering a flat single tire for trucks that reduces rolling resistance



GEOLANDAR

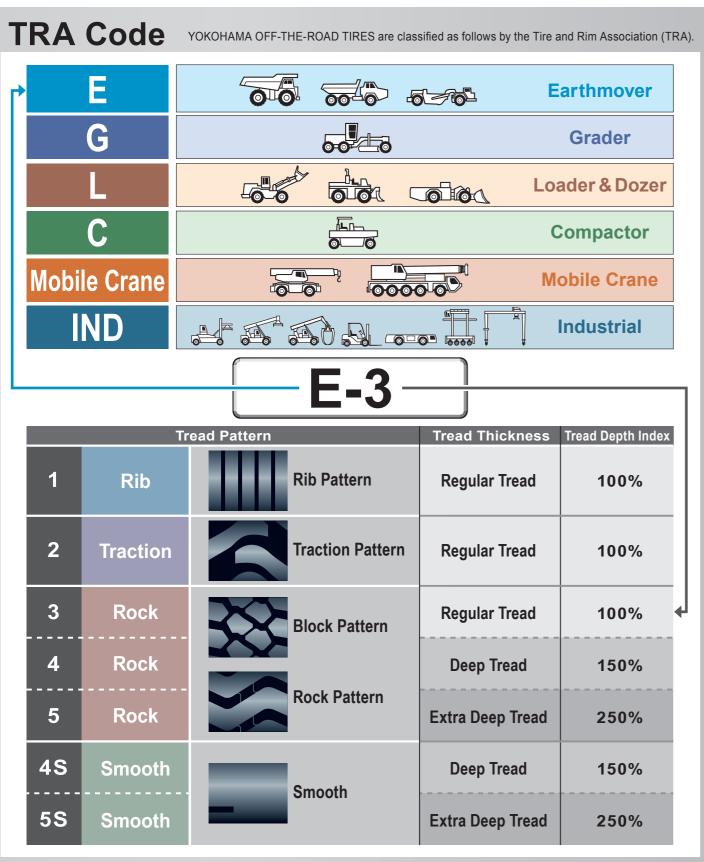


HITES



Pike's Peak Entry

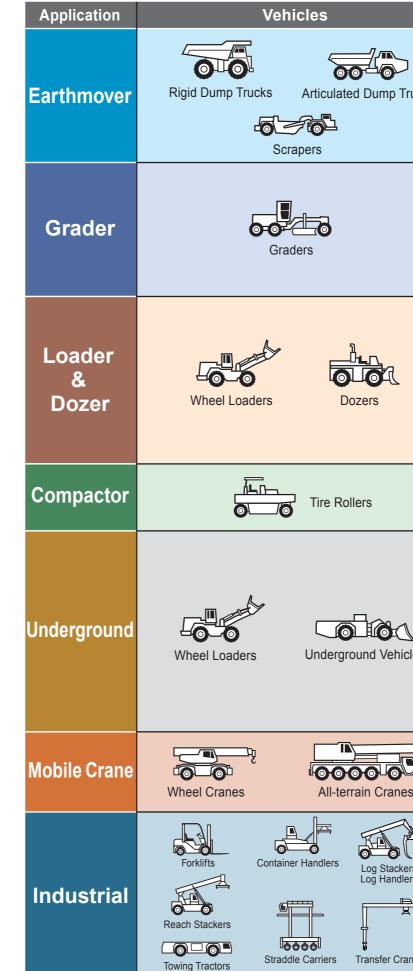
# **TRA Classification of OFF-THE-ROAD TIRES**





### **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.



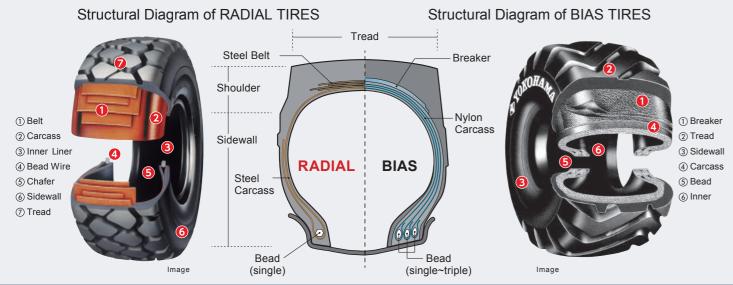
### YOKOHAMA OFF-THE-ROAD TIRES

	TRA Code	Tread Type	Pattern Name	Page	
rucks	E-3 E-4	Rock	RT31 RB31 RL31 Y67 Y565 RT41 RL45 RB41 RB42 RB42A RL42 RL47 Y67E Y523 Y523U Y567	7-10	E
		Traction Rock	RT21 MYXS01 Y103 Y67	15	G
	L-3 L-4	Rock	MYX S01 Y103 Y548 RT31 RB31 RL31 Y67 Y575 Y526K RT41 RL45 Y545 Y67E RL51 RL52 Y524 Y524Z	11-14	L
	C-1	Smooth	Y69	16	С
les	E· E· L- L-4 INC	-4 -5 4S 5S	Y67 RT41 Y525 Y69U R69 Y69 Y69K Y69U Y67 Y20	17,18	U G
s	-		RB01 RB03 RS01	16	C r a n e
rs rs rs nes	INC		Y92 Y67 Y69 Y69PS Y505 Y573 RL43 RR41 Y69 Y505 Y523 Y523U Y20 Y520 Y520A	19-22	I N D

# **Outline of OFF-THE-ROAD TIRES**

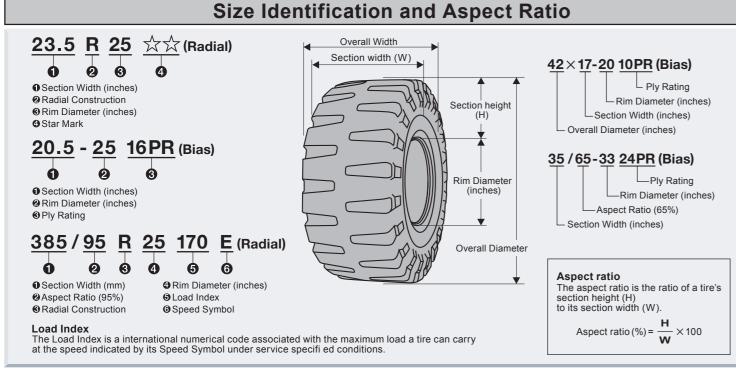
## Construction of OFF-THE-ROAD-TIRES

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.

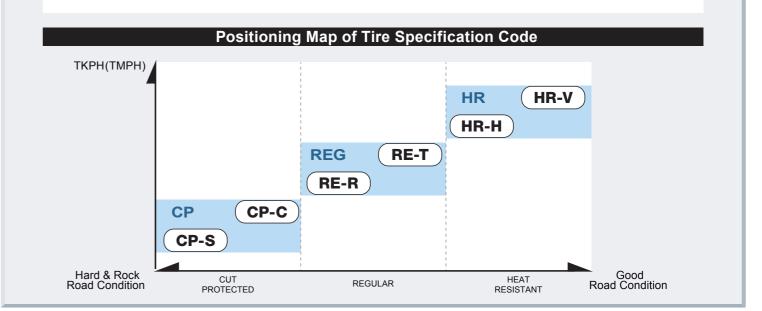


## **Conversion Table : Star Mark to Ply Rating**

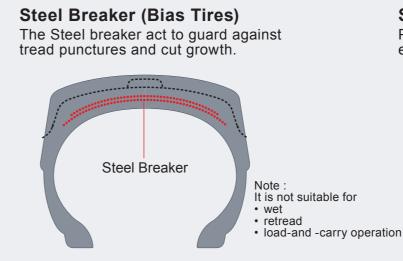
	Loader			Earthmover			Grader	
Tire Size	Star Mark 🕁	Ply Rating	Tire Size	Star Mark 🕁	Ply Rating	Tire Size	Star Mark 🕁	Ply Rating
17.5R25	☆	UP TO 16PR	17.5R25	☆☆	UP TO 22PR	14.00R24	☆	UP TO 16PF
20.5R25	\$	UP TO 20PR	20.5R25	☆☆	UP TO 28PR	17.5R25	☆	UP TO 20PI
23.5R25	☆	UP TO 24PR	23.5R25	☆☆	UP TO 32PR	20.5R25	☆	UP TO 20P
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			



#### **Tire Specification Code** TRA CODE NO. E - A OUT PROTECTED (2) CP-C (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 Cut Resistance Type CP-C RE-R Regular (Standard) Type RE-T Regular (Standard) Type With Heat Resistant HR-H Heat Resistance Type HR-V Special Heat Resistance Type



## Special Construction for better cut resistance





### (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

### Side Protector

Protectors positioned on sidewall provide excellent cut resistance.



## RADIAL



#### **E-3** 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.				



#### E-3 **RB31** 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 hexa-
- gon bead construction. Use : Articulated Dump Trucks

#### **RB31/E-3**

Star Mark	Spec	т/т	T/L
☆☆	CP	-	
	** ** **	☆☆     CP       ☆☆     CP       ☆☆     CP       ☆☆     CP	☆☆         CP         -           ☆☆         CP         -



#### **RL31** E-3 ROCK

- · Rock flush pattern provides excellent de-
- 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	ר/ד

17.5R25	☆☆	CP	-	
20.5R25	☆☆	CP	-	
*23.5R25	☆☆	CP	-	
* : E-3+ . Tread	depth 1259	% level.		



#### E-4 **RT41** ROCK DEEP TREAD

- · High turn-up carcass provides greater lat-
- eral 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	

11141/6-4				
Size	Star Mark	Spec	T/T	T/L
23.5R25	☆☆	CP	-	
23.3R23	~~~	CPUG	-	
26.5R25	☆☆	CP	-	
20.5K25	~~~	CPUG	-	
29.5R25	☆☆	CP	-	
29.0820	~~~	CPUG	-	

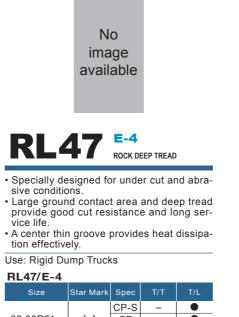


# RL45 <sup>E-4</sup> ROCK DEEP TREAD

- · Deep tread provides long life and en-
- hanced stability.
- and cut resistance.
- improved traction

#### Use : Articulated Dump Trucks RL45/E-4

	NL45/E-4		
	Size	Star Mark	Spe
-	26.5R25	☆☆	CF
-	29.5R25	☆☆	CF





- on muddy and rocky surfaces. · Large center blocks resist cuts and en-
- · Steel cord belts guard against tread punc-
- Use: Rigid Dump Trucks

### RB42/E-4

Size	Star Mark	Spec	T/T	T/L
18.00R33	☆☆	CP	-	
		CP-S	-	
24.00R35	☆☆	CP	-	
24.00K35		REG	-	
		HR	-	
		CP-S	-	
27.00R49	☆☆	CP	-	
27.00849	~~~	REG	-	
		HR	-	
		CP-S	-	
33.00R51	☆☆	CP	-	
		REG	-	



# RB42A 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
		CP-S	-	
24.00R35	☆☆	CP	-	
		REG	-	



## RL42 E-4 ROCK DEEP TREAD

- · Circumferential grooves dissipate heat for
- · Directional tread pattern and deep, wide grooves expel mud and dirt for enhanced
- Buttress side protection defends the side-wall 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	-	
24.00K35	ਖੋਖੋ	HR	-	

## NHS : Not for highway service

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



G

E

(



# RB42 E-4 ROCK DEEP TREAD

- Zig-zag pattern provides excellent traction
- hance overall wear.
- tures.





- Use: Rigid Dump Trucks RL47/E-4
  - 33.00R51

The photo will be available soon.

sive conditions.

☆☆ CP REG

# image available **RL47**



· Compound provides low heat generation · Angled lugs promote long, even wear and

ec	T/T	T/L
Ρ	-	
Ρ	-	



#### **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	-	
10.00K20	***	CP	_	



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

### BIAS

Ε



#### **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	_		_			Y67/E-3	_					
Size	PR	Spe	ec	T/T	T/L	Size	PR	Spe	ec	T/T	Т/	
			-		-		28	CP-C	-	-		
10.00-20NHS	14	-	SB		-	18.00-33	32	CP-C	-	-		
10.00-201015	24		-		-		36	CP-C	-	-		
		-	SB		-	27.00-49	48	HR-V	-	-		
11.00-20NHS	14	-	-		-	20.5-25	28	HR	-	-		
	16	-	-		-	23.5-25	32	HR	-	-		
	18	_	_		-	26.5-25	26	REG	_	-		
12.00-20NHS	10	-	SB		-		28	REG	-	-		
	24	-	SB		-	29.5-25	28	HR	-	-		
	28	-	SB		-		34	HR	-	-		
14.00-20NHS		-	-		-	26.5-29	26	REG	_	-		
12.00-24NHS	16	-	-		-		28	REG	-	-		
12.00 241110	20	-	-		-	29.5-29	34	CP	_	-		
	20	CP	-		_			-	SB	-		
14.00-24NHS		CP	-		_		26	CP	-	-		
	28	CP	-		-	33.25-29	32	CP	-	-		
16.00-24NHS		REG	-	-			-	_	SB	-		
	20	CP	-			29.5-35	34	REG	-	-		
14.00-25NHS		CP	SB		-	33.25-35	32	CP	-	-		
14.00 2010110	24	REG	_	-			38	REG	-	-		
			SB		-		30	CP	-	-		
	24	CP	-					CP	-	-		
			SB			37.25-35	36		SB	-		
16.00-25	28	CP	-				00		REG	-	-	
		-	SB	-				-	SB	-		
	32	REG	-	-			44	CP	-	-		
18.00-25	32	CP	-					CP	-	-		
	40	CP	-	-		37.5-39	52	<u> </u>	SB	-		
21.00-25	24	REG	-	-		-		REG	-	-		
								1.20	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				
	58	RE-T	-	-					
36.00-51	66	RE-T	-	-					
	66	HR-V	-	-					





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

tance.

Use : Rigid Dump Trucks & Scrapers Y67E/E-4

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



Y523 E-4 ROCK DE 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 pro-

vides good cut resistance and long service life. Use : Rigid Dump Trucks

		l	Jse :	Rigid D	ump Tru	cks				
Y523/E-4	1					Y523/E-4	4			
Size	PR	Spe	ec	T/T	T/L	Size	PR	Spe	ec	
10.00.05	24	CP	-	-			42	CP-C	-	Γ
16.00-25	28	CP	-	-			42	RE-R	-	Г
18.00-25	32	CP	-	-				CP-S	-	Γ
10.00-25	40	CP	-	-				CF-3	SB	
	32	CP-C	-	-				CP-C	-	
18.00-33	36	CP-C	-	-		27.00-49		CF-C	SB	
10.00-55	40	CP-C	-	-		27.00-49	48	RE-R	-	
	40	01-0	SB	-			40		SB	
		CP-C	_	-				HR-H		L
	36	01-0	SB	-				111.5-11	SB	L
21.00-35		RE-R	_	-				HR-V	_	
21.00 00			SB	-					SB	L
	40	CP-C	-	-				CP-S	-	L
	40	RE-R	-	-			46	CP-C	-	L
	36	CP-C	-	-		30.00-51		RE-T	-	L
		RE-R	-	-			52	CP-C	-	L
		CP-S	-	-				HR-V	-	
24.00-35	35	CP-C	_	-			50	CP-S	SB	L
24.00 00	42		SB	-		33.00-51		CP-C	-	L
		RE-R – –	-		00.00 01	58	RE-R	-	L	
		HR-H	-	-				HR-V	_	L
	48	CP-C	-	-			50	CP-C	-	L
	42	CP-C	-	-		36.00-51	58	CP-C	-	L
24.00-49	48	CP-C	-	-			66	RE-T	-	
		HR-V	-	-			68	RE-T	-	L
								HR-V	-	L
4	4					40.00-57		RE-R	-	
							76	RE-T	-	
								HR-V	-	



Cut Resistanc

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

SB

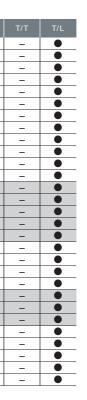
Heat Resistance





· Specially designed for short haul operation. Use : Rigid Dump Trucks VEDOLI/E 4

¥5230/E-4										
Size	PR	Spec		T/T	T/L					
18.00-33	32	CP-C	-	-						





- 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

1001/12 1	r				
Size	PR	Spe	C	T/T	T/L
		CP-S	-	-	
	50	CP-3	SB	-	
	50	RE-R	-	-	
33.00-51			SB	-	
33.00-51	58	CP-C	-	-	
		RE-R	-	-	
	50	RE-T	-	-	
		HR-V	-	-	
		CP-C	-	-	
40.00-57	68	RE-R	-	-	
		HR-V	_	-	

 Specification Code
 CP
 : Cut Protected
 REG
 : Regular
 HR
 : Heat Resistant

 CP-S
 : Cut Protected-S
 RE-R
 : Regular-R
 HR-H
 : Heat Resistant-H

 CP-C
 : Cut Protected-C
 RE-T
 : Regular-T
 HR-V
 : Heat Resistant-H

# Loader & Dozer

### RADIAL



31 L-3

- 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	X	CP	-	
750/65R25	X	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.

### DB21/1-3

RB31/L-3				
Size	Star Mark	Spec	т/т	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 de-
- fense 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 ex-
- cellent traction.

### RT41/L-4

Size	Star Mark	Spec	T/T	T/
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
  - protection and better ride comfort.

RL45/L-4		
Size	Star Mark	Sp
26.5R25	☆	C
29.5R25	☆	C



# RL52 L-5 ROCK EXTRA DEEP TREAD

- · Unique cap compound yields superior cut
- 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<sup>L-2</sup>

- · 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	☆	-	-	



11



pattern offers reliable traction, side cut

ec	T/T	T/L
Ρ	-	
Ρ	-	



L-5 **RL51** 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	Т/Т	T/L
23.5R25	☆	CP	-	

# Loader & Dozer

### BIAS



# Y103 L-2 TRACTION

G

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

Y103/L-2							
Size	PR	Spe	ec	T/T	T/L		
12.5/70-16	6	-	-	-			
10-16.5NHS	4	-	-				
10-10.510115	6	-	-	-			
13.5-20	14	-	-		-		
42×17-20	10	-	-		-		
17.5/65-20	10	-	-	-			
16.9-24	10	-	-				
10.9-24	12	-	-				
18.4-24	10	10	-				
10.4-24		SB	-				
	8	-	-		-		
10.00-20NHS	14	-	-		-		
	10	-	-		-		
14.00-24TG	12	-	-				
16.00-24TG	16	-	-		-		
15.5-25	12	-	-				
17.5-25	12	-	-				
17.5-25	16	_	-				
20.5-25	12	_	-	_			
20.0-20	16	_	-	_			
23.5-25	12	_	-	_			
23.3-25	16	_	-	_			



# Y526K L-3

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

•	Y526K/L-3							
	Size	PR	Spe	Spec		T/L		
	20.5-25	16		-				
2		16	-	SB	-			
		20	-	-				
		16	-	-	-			
_	23.5-25			SB				
4				-				
		20	-	SB	-			



# Y548 L-2

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

Y548/L-2								
Size	PR	Spe	ec	T/T	T/L			
12.5/70-16	6	-	-	-				
17.5/65-20	10	_	-	_				
16.9-24	10	-	-					
16.9-24	12	-	-	-				
18.4-24	10	-	-	-				
17.5-25	12	-	-					
17.5-25	16	-	-					
	12	-	-					
20.5-25	16	-	-					
	20	_	-	-				



### Y67 ROCK

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

#### Y67/L-3

Size	PR	Spe	ec	T/T	T/L
16.9-24	10		-		
10.9-24		-	SB		
	16	_	-		-
12.00-24NHS	20	-	-		-
13.00-24TG	16	-	-	-	
13.00-24NHS	18	-	-		-
	40		-		
14.00-24TG	12	-	SB	-	
	16	-	-		
14.00-24NHS	24	-	-		-
15.5-25	12	-	-		
	12		-		
17.5-25	12	<u>-  </u>	SB		
	16	-	-		•
	12	-	-		
20.5-25	16	-	-		
	20	-	-		
	12	-	-		-
	10		-		•
23.5-25	16	-	SB	-	•
	20	-	-	-	
	24	-	-		
	16	-	-	-	
	20	-	-		
26.5-25	24	-	-		
	26	-	-	-	
	28	-	-	-	
20 5 25	22	-	-	-	
29.5-25	28	-	-	-	
29 5-29	28	_	_	_	





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

Y575/L-3							
Size	PR	Spe	ec	T/T	1		
	12	-	-		(		
17.5-25	12	-	SB	-	(		
	16	-	-	-	(		
	12		-		(		
	12	-	SB	-	(		
20.5-25	16		-		(		
	10	-	SB	-	(		
	20	-	-	•	(		
	16	-	-		(		
			SB		(		
23.5-25	20	-	-		(		
			SB	-	(		
	24	-	-	-	(		
	16	-	-	-	(		
	20		-	-	(		
26.5-25	20	-	SB	-	(		
20.0-20	24		-	-			
	24	_	SB	•			
	28	_	-	-			
	22		-	-	(		
	22	_	SB	-	(		
29.5-25	28		-	-	(		
	20	_	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 resis-
- tance.

Y67E/L-4									
Size	PR	Spe	ec	T/T					
17.5-25	12	-	-	-					
29.5-29	28	-	-	-					



# Y545 L-4 ROCK DEEP TREAD

- · Excels over rock, coal and log-strewn envi-
- ronments. Deep tread offers excellent wear with superb cut resistance.

enhanced protection against rock penetration for longer life cycles.

Y545/L-4	with side protector				
Size	PR	Spe	ec	T/T	T/L
	16		-	-	
	10	-	SB	-	
23.5-25	20		-	-	
	20	_	SB	-	
	24	-	-	-	
	20	-	-	-	
26.5-25	24	-	-	-	
20.3-23	26	-	-	-	
	32	-	-	-	
29.5-25	22	-	-	-	
29.5-25	28	-	-	-	
	24	-	SB	-	
35/65-33	30	-	SB	-	
35/05-33	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	w	ith si	de pro	tector
Size	PR	Spe	Spec		T/L
	24	-	SB	_	
35/65-33	36	-	SB	-	
	42	-	SB	-	
	38	-	SB	-	
AFIGE AF	46	-	SB	-	
45/65-45	50	-	SB	-	
	58	-	SB	-	

Steel belts in low aspect ratio tires provide





- 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							
PR	Spe	ec	T/T	T/L			
16	-	-	-				
20	-	-	-				
24	-	-	-				
28	-	-	-				
34	_	SB	-				
	PR 16 20 24 28	PR Spe 16 – 20 – 24 – 28 –	PR         Spec           16         -         -           20         -         -           24         -         -           28         -         -	PR         Spec         T/T           16         -         -           20         -         -           24         -         -           28         -         -			

Y524/L-5	with side protector				
Size	PR	Spe	ec	T/T	T/L
	12	-	-	-	
20.5-25	16	-	-	-	
	20	-	-	-	
	20	-	-	-	
	24	-	-	-	
26.5-25	26	-	-	-	
20.3-23	28	-	-	-	
	32	-	-	-	
	32	-	SB	-	
	22	-	-	-	
29.5-25	28		-	-	
		-	SB	-	
	24	-	SB	-	
	30	-	SB	-	
35/65-33	36	-	SB	-	
	42	-	SB	-	
	48	-	SB	-	
40/05 20	36	-	SB	-	
40/65-39	56	-	SB	-	
	38	-	SB	-	
AFIGE AF	46	-	SB	-	
45/65-45	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
- T/T T/L SB
- Steel Breaker construction

# Grader

RADIAL

**G-2** TRACTION

· Designed with a self-cleaning nondirec-

Good traction and flotation on soft and muddy surfaces.

Star Mark Spec T/T

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20.5R2

MYX S01 G-2 SNOW

· Specially designed for grader, loaders and

 Tread pattern is designed with a non direc-tional block pattern. It provides both abrasion resistance and excellent traction on

Star Mark Spec T/T

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\_

\_

dozers for snow application.

☆

☆

snow and ice surfaces.

MYX S01/G-2

17.5R25

20.5R25

# Compactor

### BIAS



 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.

## BIAS

14.00R24 ☆

RT21/G-2



G

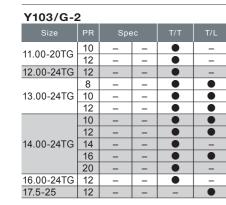
G





· Directional tread pattern provides excellent self-cleaning properties.

 Optimum traction and flotation on muddy surface.



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

NHS : Not for highway service

15

T/T Tube Type T/L : Tubeless Type

SB : Steel Breaker construction

G-3 Y67 G-3 ROCK

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

Y67/G-3							
PR	Spec		T/T	T/L			
12	-	-					
12	-	SB		-			
16	-	-					
12	-	-		-			
16	-	-					
16	-	-	-				
	12 12 16 12 16	12     -       12     -       16     -       16     -       16     -	12         -         -           12         -         SB           16         -         -           12         -         -           16         -         -           16         -         -	12     -     -       12     -     SB       16     -     -       12     -     -       16     -     -			

# Mobile Crane Wheel Cranes, All-terrain Cranes

## RADIAL



## HIGHWAY USE

· Tread pattern and compound provide excellent cut/chip performance and long tread life in severe applications.

Tough casing construction enables en-hanced durability.

RB01			
Size	Star Mark LI/SS	T/T	T/L
14.00R24NHS	☆☆☆		-
385/95R25	170E	-	
303/93R23	170F	-	
445/95R25	174F	-	
505/95R25	183E	-	



# RB03 HIGHWAY USE

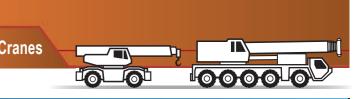
· Optimized rib pattern and compound provide excellent performance, even wear and long tread life.

 Tough casing construction and optimized tread pattern provides lower fuel consump-tion, 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	-	
303/93R23	170F	-	









### 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.

#### **BS01**

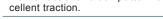
<b>N301</b>				
	Size	LI/SS	T/T	T/L
385/95	R25	170E	-	

### RADIAL



#### E-4 **RT41** ROCK DEEP TREAD

- · Unique compound and proven belt package provide greater durability and stability. High turn-up carcass provides greater lat-
- eral stiffness and improved road stability. · Non-directional block pattern creates ex-



Use: Underground Vehicles	
---------------------------	--

R	<b>T</b> 4	1/	Ε	-4	

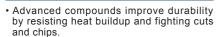
Size	Star Mark	Spec	T/T	T/L
23.5R25	☆☆	CPUG	-	
26.5R25	☆☆	CPUG	-	
29.5R25	☆☆	CPUG	-	

G

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**R69** 



- 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	☆☆	-	-	



### Y69 L-5S SMOOTH FX SMOOTH EXTRA DEEP TREAD

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

Use : Loaders & Underground Vehicles

Y69/L-5S

BIAS

Size	PR	Spec		T/T	T/L	
12.00-24NHS	16	-	-		-	
12.00-241103	20	-	-		-	
14.00-24NHS	20	-	-		-	
14.00-2411113	24	-	-		-	
	24	-	-	-		
18.00-25	28	-	-			
	32	-	-	-		
	16	-	-	-		
17.5-25	20	-	-			
17.0-20	24	-	-	-		
	28	-	-	-		
20.5-25	16	-	-	-		
20.3-25	28	-	-	-		
23.5-25	20	-	-	-		
	28	-	-		-	
	28	-	-	-		
26.5-25	32	_	_	_		
	36	-	-	-		



## Y69K L-5S SMOOTH EXTRA DEEP TREAD

- · Modified sidewall profile for increased re-
- sistance 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	Sp	ec	T/T	T/L
	28		-	-	
18.00-25	20	-	SB	-	
	32	-	-	-	
	26	-	-	-	
26.5-25	32	-	-	-	
	36	-	-	-	
	34	-	-	-	
29.5-29	40		-	-	
	40	-	SB	-	



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

- · Modified sidewall profile for increased re-
- sistance 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 v	vith	Special Re	einforce	emen
Cizo		6000	т/т	<b>T</b> /1

0126		<sup>0</sup> P		1/1	1/2
12.00-24NHS	16	-	SB		-
Y69U/L-5S Wavy Side with Special Reinforcement					
Size	PR	Sn	ec	т/т	т/і

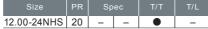
	16	-	SB		-
18.00-25	24	-	SB	-	
10.00-25	28	-	SB	-	
	32	-	SB	-	
17.5-25	20	-	SB	-	
17.5-25	28	-	SB	-	
26.5-25	28	-	SB	-	
20.3-23	32	-	SB	-	



## 525 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





#### E-3 Y67 ROCK

- Advanced composition provides excep-tional 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 X07/E 0

Y67/E-3						
Size	PR	Spe	ec	T/T	T/L	
10.00-20NHS	24		24	-		-
10.00-20INH5	24		SB		-	
12.00-20NHS	24	-	SB		-	
12.00-201015	.00-2010HS 28	-	SB		-	
14.00-20NHS	32	-	-		-	



# Y67 IND-3

- Non-directional block pattern offers excellent traction, longer wear and cut resistance.
- · Specially-designed high durable spec en-
- ables 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	т/т	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.



### IND-3 Y67

- 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

T71				
1/2		Size	PR	
-		3126		
-	_	12.00-24NHS	28	
-				
_				



### IND-3 **Y20**

- · Tough tread protects against cuts and snads
- · 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	Sp
39×15-20	36	-

T/T T/L SB 17

NHS : Not for highway service

Steel Breaker construction

Tube Type : Tubeless Type







## L-5S SMOOTH EXTRA DEEP TREAD



с	T/T	T/L
		-

с	T/T	T/L

G

# Industrial

## RADIAL



#### IND-4 43 R 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	1
14.00R24NHS	***		



#### IND-4 **RR41** DEEP TREAD

Two main circumferential grooves provide excellent steering stability and improve vi-

- bration 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	Т/Т
16.00R25	☆☆☆	-



### IND-3 **Y92**

BIAS

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	-		-
14.00-241103	28	-		-



## **Y67**

- · Reinforced bead and sidewall area provide
- · 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
- Use : Towing Tractors, Straddle Carriers,

Y67/IND-3					
Size	PR	Spec	Т/Т		
	16	-			
11.00-20NHS	10	SB	•		
	18	-			
12.00-20NHS	22	-			
12.00-24NHS	20	-			
12.00-241110	28	-			
13.00-24NHS	18	-			
13.00-241113	20	-			
	20	-			
14.00-24NHS	24	-	•		
	28	-			
14.00-25NHS	24	-			
14.00-2510115	24	SB	-		
	28	-			
16.00-25	32	-	-		
	36	-	-		
	32	-	•		
18.00-25	36	-			
	40	-	-		
21.00-25	36	-	-		
21.00-25	40	-	-		
24.00-29	42	-	-		
21.00-35	40	-	-		
24.00-35	42	-	-		
24.00-33	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 carri-
- paved ground surfaces.
- Use : Straddle Carriers & Forklifts Y69/IND-3

Size	PR	Sp
12.00-24NHS	18	-

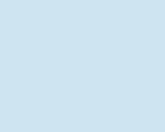


# Y69PS IND-3

- · Suited for vehicles such as straddle carriers, container handlers and towing tractors

Size	PR	
16 00 25	28	
16.00-25	32	





NHS : Not for highway service : Tube Type : Tubeless Type

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IND-3 **Y573** 

· 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	т/т	T/L	
17.5-25	36	-	-		

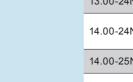
-----------•

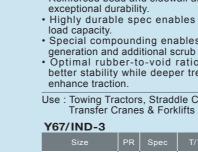
•

- used at airports.

Y69PS/IND	0-3
Size	PR

















ers for contanier handling and forklifts. • This tire has a large tread width and ground contact area for good traction on

T/T	T/L
	-



С	T/T	T/L



# 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 side-wall increase durability in tough operations.
- Use : Container Handlers, Forklifts & Log Handlers

Υ	6	9	/	Ν	D	-4	

Size	PR	Spec	T/T	T/L
12.00-24NHS	20	-		-
14.00-24NHS	30	-		-
18.00-25	36	-	-	
10.00-25	40	-	-	
21.00-25	40	-	-	
18.00-33	40	-	-	
21.00-35	42	_	_	

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# 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

PR	Spec	T/T	T/L					
20	-		-					
28	-							
Y505/IND-4								
PR	Spec	T/T	T/L					
40	_	_						
	20 28 PR	20 – 28 – PR Spec	20 – • 28 – • PR Spec T/T					



# Y523 IND-4 DEEP TREAD

- · Specially designed for use under highly 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

1323/1110-4					
Size	PR	Spec	T/T	T/L	
16.00-25	36	-	-		
	32	-	-		
18.00-25	36	-	-		
	40	-	-		
	36	-	-		
18.00-33	40	-	-		
	40	SB	-		
24.00-35	42	-	-		
27.00-49	42	-	-		
33.00-51	58	-	-		
36.00-51	58	-	-		
30.00-51	72	-	-		
40.00-57	68	SB	-		
40.00-37	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	Т/Т	T/L				
18.00-33	40	-	-					

## 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

3126		Spec	1/1	1/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	-		-
0.23-13	14	-		-
9.00-16	14	-		-
8.25-20	12	-		-
0.23-20	14	-		-
9.00-20	14	-		-
10.00-20	14	-		-
10.00-20	16	-		-
11.00-20	14	-		-
11.00-20	16	-		-
12.00-20	16	-		-
12.00-20	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

1520				
Size	PR	Spec	T/T	T/L
	8	-		-
5.00-8	°	SB		-
	10	-		-
16×6-8	10	-	•	-
	10	-		-
18×7-8	14	-		-
	16	-		-
6.00-9	10	-		-
0.00-9	10	SB		-
21×8-9	10	-		-
21/0-9	14	-	•	-
6.50-10	10	-	•	-
0.50-10	10	SB		-
	12	-		-
7.00-12		SB		-
	14	-		-
3.00-15	18	-		-
5.50-15	8	-	•	_
0.00-10		SB		_
6.00-15	10	-	•	_
0.00 10		SB		-
7.00-15	10	-		_
	12	-		_
8.25-15	12	-		-
0.20 10	14	-		-
28×9-15	12	-	•	_
20/10	12	SB		_
7.50-16	12	-		-
1.00 10	.2	SB		-

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



21

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







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

Use : Forklifts

Y520A 10 6.50-10 12 4.50-12 8 7.00-12 12 16 2.50-15 \_ \_ 8.25-15 16 SB ● \_ 12 – 28×8-15 • –

Y520A and Y520 can not be fitted on the same axle due to different over

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## Line-up

### Earthmover

		RADIAL			
Size	TRA Code	Star Mark Ply Rating	т/т	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
7.5R25	E-3	**	-	•	CP
20.5R25	E-3	**	-		CP
23.5R25	E-3 E-3	**	-	•	CP
26.5R25 29.5R25		☆☆ ☆☆	-	•	CP CP
	E-3	W			
RL31			1		P.7
17.5R25	E-3	**	-	•	CP
20.5R25 23.5R25	E-3 *1 E-3	☆☆ ☆☆	-		CP CP
RT41	1 E-3				
R141	<b>5</b> .4				P.8
23.5R25	E-4	**	-		CP
	<u>E-4</u>	**	-	•	CPUG
26.5R25	E-4	**	-		CP
	E-4 E-4	☆☆ ☆☆	-		CPUG CP
29.5R25	E-4 E-4	ੇ ਨੇ ਨੇ ਕ	-		CPUG
RL45	L-+				P.8
26.5R25 29.5R25	E-4 E-4	☆☆ ☆☆	-	•	CP CP
RB41	⊑-4	W W			
	<b>5</b> .4				P.8
4.00R25NHS	E-4	***	-		REG
16.00R25	E-4 E-4	☆☆ ☆☆	-		REG
RB42	E-4	W W			
	<b>F</b> 4				P.7
18.00R33	E-4	**	-	•	CP
	E-4	**	-		CP-S
24.00R35	E-4	**	-		CP
	E-4 E-4	☆☆ ☆☆	-		REG HR
	E-4		-		CP-S
-	E-4	**	-		CP-3
27.00R49	E-4	**			REG
-	E-4	**			HR
	E-4	**			CP-S
33.00R51	E-4	**	-		CP
	E-4	**	-		REG
RB42A			1		P.7
	E-4	**	-		CP-S
24.00R35	E-4	**	-	•	CP
	E-4	**	-		REG
RL42					P.7
8.00R33	E-4	**	_		CP
	E-4	**	-		CP
24.00R35	E-4	**	-		HR
RL47		,,,,,	1	1 -	P.8
	E-4	☆☆	_		CP-S
33.00R51	E-4	**	-	•	CP
	E-4	**	-	•	REG
		BIAS			
			T/T	T/L	
Size	TRA Code	Star Mark Ply Rating	SB -	SB -	Spec
V67					
Y67	Г ?	14		1	P.9
10.00-20NHS	E-3 E-3	24	•••		
1.00-20NHS	E-3	14	- •		-
1.00 201010	E-3	14	-		-
	E-3	18	• •		
12.00-20NHS	E-3	24	• -		<u> </u>
-	E-3	28	• -		-
14.00-20NHS	E-3	32	- •		-
	E-3	16	- •		-
12.00-24NHS	E-3	20	- •		-
	E-3	20	- •		CP
14.00-24NHS	E-3	24	- •		CP
	E-3	28	- •		CP
	E-3	24		- •	REG
				- •	CP
	E-3	20	- : •		
16.00-24NHS		20 24	- •		CP
16.00-24NHS	E-3			 - •	

		BIAS			
Size	TRA Code	Star Mark Ply Rating	T/T	T/L	Spec
Y67		Thy Rating	SB -	SB -	P.9
	E-3	24			CP
16.00-25	E-3 E-3	28 32	- •	-	CP REG
	E-3	32		- •	CP
18.00-25	E-3	40		- •	CP
21.00-25	E-3 E-3	24		- •	REG CP-C
18.00-33	E-3	32		- •	CP-C CP-C
	E-3	36		- •	CP-C
27.00-49	E-3	48		- •	HR-V
20.5-25 23.5-25	E-3 E-3	28 32		- •	HR
26.5-25	E-3	26		- •	REG
00 E 0E	E-3	28		- •	REG
29.5-25	E-3 E-3	28		- •	HR HR
26.5-29	E-3	26		- •	REG
29.5-29	E-3	28		- •	REG
	E-3 E-3	34 26		-	CP CP
33.25-29	E-3	32		• •	CP
29.5-35	E-3	34		- •	REG
33.25-35	E-3 E-3	32 38		- •	CP REG
	E-3	30		- •	CP
37.25-35	E-3	36		• •	CP
	E-3	36		• •	REG
37.5-39	E-3 E-3	44 52		- •	CP CP
51.5-55	E-3	52		• •	REG
Y565	•				P.9
	E-3	58		- •	RE-T
36.00-51	E-3 E-3	66 66		- •	RE-T HR-V
Y523	L-5	00		- : •	P.10
	E-4	24		- •	CP
16.00-25	E-4	28		- •	CP
18.00-25	E-4 E-4	32 40		- •	CP CP
	E-4	32		- •	CP-C
18.00-33	E-4	36		- •	CP-C
	E-4 E-4	40		• •	CP-C
04.00.05	E-4	36		• •	CP-C RE-R
21.00-35	E-4	40		- •	CP-C
	E-4 E-4	40		- •	RE-R
	E-4	36		- •	CP-C RE-R
	E-4	42		- •	CP-S
24.00-35	E-4	42		• •	CP-C
	E-4 E-4	42		- •	RE-R HR-H
	E-4	48		- •	CP-C
	E-4	42		- •	CP-C
24.00-49	E-4 E-4	48 48		- •	CP-C HR-V
	E-4	42		- •	CP-C
	E-4	42		- •	RE-R
27.00-49	E-4 E-4	48		•••	CP-S CP-C
21.00-40	E-4	48		• •	RE-R
	E-4	48		• •	HR-H
	E-4 E-4	48 46		•••	HR-V
	E-4 E-4	40		- •	CP-S CP-C
30.00-51	E-4	46		- •	RE-T
	E-4	52		- •	CP-C
	E-4 E-4	52 50		- •	HR-V CP-S
33 00 51	E-4	58		- •	CP-C
33.00-51	E-4	58		- •	RE-R
	E-4 E-4	58 50		- •	HR-V CP-C
36.00-51	E-4 E-4	58		- •	CP-C CP-C
	E-4	66		- •	RE-T
	E-4	68		- •	RE-T
40.00-57	E-4 E-4	68 76		- •	HR-V RE-R
	E-4	76		- •	RE-T
	E-4	76		- •	HR-V

## Earthmover

BIAS								
Size	TRA Code	Star Mark	T/T	T/L	0			
Size	TRA Code	Ply Rating	SB –	SB –	Spec			
Y523U					P.10			
18.00-33	E-4	32		- •	CP-C			
Y567					P.10			
	E-4	50			CP-S			
	E-4	50			RE-R			
33.00-51	E-4	58		- •	CP-C			
33.00-31	E-4	58		- •	RE-R			
	E-4	58		- •	RE-T			
	E-4	58		- •	HR-V			
	E-4	68		- •	CP-C			
40.00-57	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	т/т	T/L	Spec		
Size	TRA Code	Ply Rating			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	\$	- 1		CP		
20.5R25	L-3	\$	-		CP		
23.5R25	L-3	☆	-		CP		
26.5R25	L-3	\$	-		CP		
29.5R25	L-3	☆	-	•	CP		
RL31	- •				P.11		
	1.2		1		CP		
17.5R25	L-3	☆	-	•			
20.5R25	L-3 *1 L-3	☆	-		CP		
23.5R25	1 L-3	☆	-		CP		
RT41			1		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	20	~			P.11		
76 ED 2E	1 5	~~			CD		
26.5R25	L-5	☆			CP		
MYX S01			<u> </u>	•	P.11		
MYX S01 17.5R25	L-2	☆	-	•			
MYX S01		☆ ☆	<u> </u>	•	P.11		
MYX S01 17.5R25	L-2	☆	<u> </u>	•	P.11		
MYX S01 17.5R25 20.5R25	L-2 L-2	☆ ☆	<u> </u>	• • • • •	P.11 - -		
MYX S01 17.5R25	L-2	☆ ☆ BIAS	-	• • • T/L SB = -	P.11		
MYX S01 17.5R25 20.5R25 Size	L-2 L-2	☆ ☆ BIAS Star Mark	- - T/T		<b>P.11</b> – – Spec		
MYX S01 17.5R25 20.5R25 Size Y103	L-2 L-2 TRA Code	☆ ☆ BIAS Star Mark Ply Rating	- - T/T SB -	SB -	P.11 - - Spec P.13		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16	L-2 L-2 TRA Code L-2	☆ ☆ BIAS Star Mark	_  	SB -	<b>P.11</b> – – Spec		
MYX S01 17.5R25 20.5R25 Size Y103	L-2 L-2 TRA Code L-2 L-2	☆ BIAS Star Mark Ply Rating 6 4	- - T/T SB -	SB -	P.11 - - Spec P.13		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS	L-2 L-2 TRA Code L-2 L-2 L-2 L-2	☆       BIAS       Star Mark       Ply Rating       6       4       6	_  	SB -	P.11 - - Spec P.13		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2	☆       BIAS       Star Mark       Ply Rating       6       4       6       14	- - SB - - - - - -	SB -	P.11 - - Spec P.13		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2	☆       BIAS       Star Mark       Ply Rating       6       4       6       14       10	- - SB - - - - - - - - -	SB -	P.11 - - Spec P.13		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20 17.5/65-20	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2	☆       BIAS       Star Mark       Ply Rating       6       4       6       14       10       10	- - - - - - - - - - - - - - - - - - -	SB         -           -         •           -         •           -         •           -         •           -         •           -         -           -         -           -         -           -         •	P.11 - - Spec P.13		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2	☆           BIAS           Star Mark           Ply Rating           6           4           6           14           10           10           10           10	- - SB - - - - - -	SB -	P.11 - - Spec P.13		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20 17.5/65-20 16.9-24	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2	☆           ☆           BIAS           Star Mark           Ply Rating           6           4           6           14           10           10           10           12	- - - - - - - - - - - - - - - - - - -	SB     -       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •	P.11 - - Spec P.13		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20 17.5/65-20	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2	☆           ★           BIAS           Star Mark Ply Rating           6           4           6           14           10           10           10           10           10           10           10           10           10           10           10           10	- - - - - - - - - - - - - - - - - - -	SB         -           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •	P.11 - - Spec P.13		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20 17.5/65-20 16.9-24 18.4-24	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2	☆           ★           BIAS           Star Mark Ply Rating           6           4           6           14           10           10           10           10           10           10           10           10           10           10           10           10           10	- - - - - - - - - - - - - - - - - - -	SB         -           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •	P.11 - - Spec P.13		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20 17.5/65-20 16.9-24	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2	☆           BIAS           Star Mark Ply Rating           6           4           6           14           10           10           10           10           10           10           10           10           10           10           10           10           10           10           10           10           10		SB     -       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •	P.11 - - Spec P.13		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20 17.5/65-20 16.9-24 18.4-24 10.00-20NHS	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2	☆         BIAS         Star Mark         Ply Rating         6         4         6         14         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         11         10         10         10         10         11         12         10         10         11         12         10         11         12         10         14	T/T SB - SB - - - - - - - - - - - - - - - - - - -	SB         -           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         -           -         -           -         -           -         -           -         -	P.11 - - Spec P.13		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20 17.5/65-20 16.9-24 18.4-24 10.00-20NHS 14.00-24TG	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2	☆         BIAS         Star Mark         Ply Rating         6         4         6         14         10         10         10         10         10         10         10         10         12         10         8         10         14         12	T/T         SB         -       <	SB         -           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •           -         •	P.11 - - Spec P.13		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20 17.5/65-20 16.9-24 18.4-24 10.00-20NHS 14.00-24TG 16.00-24TG	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2	☆         BIAS         Star Mark         Ply Rating         6         4         6         14         10         10         10         10         10         10         10         10         12         10         14         12         14         12         16	T/T SB - SB - - - - - - - - - - - - - - - - - - -	SB     -       -     •       -     •       -     -       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •       -     •	P:11 - - - - - - - - - - - - - - - - - -		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20 17.5/65-20 16.9-24 18.4-24 10.00-20NHS 14.00-24TG 16.00-24TG 15.5-25	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2	☆           ☆           BIAS           Star Mark Ply Rating           6           4           6           14           10           10           10           10           10           10           12           10           14           12           16           12	T/T         SB       -         -       -         -       •         -       <	SB         -           -         0           -         0           -         -           -         -           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         -           -         0           -         -           -         0           -         0           -         0           -         0           -         0           -         0           -         0	P.11 - - Spec P.13		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20 17.5/65-20 16.9-24 18.4-24 10.00-20NHS 14.00-24TG 16.00-24TG	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2	☆           ☆           BIAS           Star Mark Ply Rating           6           4           6           14           10           10           10           10           10           10           12           10           14           12           16           12           12           12	T/T         SB       -         -       -         -       • <td< td=""><td>SB     -       -     0       -     0       -     -       -     0</td><td>P11 - - - - - - - - - - - - - - - - - -</td></td<>	SB     -       -     0       -     0       -     -       -     0	P11 - - - - - - - - - - - - - - - - - -		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20 17.5/65-20 16.9-24 18.4-24 10.00-20NHS 14.00-24TG 16.00-24TG 15.5-25	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-	☆           ☆           BIAS           Star Mark Ply Rating           6           4           6           14           10           10           10           10           10           10           10           12           16           12           16           12           16           12           16           12           16           12           16	T/T         SB       -         -       -         -       •         -       <	SB         -           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         -           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0	P:11 - - - - - - - - - - - - - - - - - -		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20 17.5/65-20 16.9-24 18.4-24 10.00-20NHS 14.00-24TG 16.00-24TG 15.5-25	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-	☆           ☆           BIAS           Star Mark Ply Rating           6           4           6           14           10           10           10           10           10           10           10           10           12           10           12           16           12           16           12           16           12	T/T         SB       -         -       -         -       • <td< td=""><td>SB     -       -     0</td><td>P:11 - - - - - - - - - - - - - - - - - -</td></td<>	SB     -       -     0	P:11 - - - - - - - - - - - - - - - - - -		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20 17.5/65-20 16.9-24 18.4-24 10.00-20NHS 14.00-24TG 16.00-24TG 15.5-25 17.5-25	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2	☆         BIAS         Star Mark Ply Rating         6         4         6         14         10         10         10         10         10         10         10         10         12         10         12         10         12         16         12         16         12         16         12         16         12         16         12         16         12         16         12         16         12         16         12         16	T/T         SB       -         -       -         -       • <td< td=""><td>SB         -           -         0</td><td>P:11 - - - - - - - - - - - - - - - - - -</td></td<>	SB         -           -         0	P:11 - - - - - - - - - - - - - - - - - -		
MYX S01 17.5R25 20.5R25 Size Y103 12.5/70-16 10-16.5NHS 13.5-20 42×17-20 17.5/65-20 16.9-24 18.4-24 10.00-20NHS 14.00-24TG 16.00-24TG 15.5-25 17.5-25	L-2 L-2 TRA Code L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-2 L-	☆           ☆           BIAS           Star Mark Ply Rating           6           4           6           14           10           10           10           10           10           10           10           10           12           10           12           16           12           16           12           16           12	T/T         SB       -         -       -         -       • <td< td=""><td>SB     -       -     0</td><td>P:11 - - - - - - - - - - - - - - - - - -</td></td<>	SB     -       -     0	P:11 - - - - - - - - - - - - - - - - - -		

23

## Loader & Dozer

Size         TRA Code         Star Marks Py Rating         TVT         TVT         TVT         TVT         TVT         TVT         TVT         TVT         Star Lass			BIAS			
12.570-16       L-2       6       - <th< td=""><td>Size</td><td>TRA Code</td><td></td><td></td><td></td><td>Spec</td></th<>	Size	TRA Code				Spec
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Y548					P.13
16.9-24       L-2       10       -	12.5/70-16	L-2	6		•	) _
10.9-24       L-2       12       - <th< td=""><td>17.5/65-20</td><td></td><td></td><td></td><td></td><td></td></th<>	17.5/65-20					
18.4-24       L-2       10       -       -       -       -       -       -         17.5-25       L-2       12       -       •       -       •       -	16.9-24					
17.5-25       L-2       12       -       -       -       -       -       -         20.5-25       L-2       16       -       -       -       -       -       -         L-2       12       -       0       -       0       -       0       -         V67       12       -       0       -	10 / 2/					
17.5-25       L-2       16       -       •       -       •       -         20.5-25       L-2       16       -       •       -       •       - <td>10.4-24</td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td>	10.4-24			-	-	
L-2         12         -	17.5-25					
V67         Image: constraint of the sector of the sec				-		
Y67       Loo       L3       10       Image: Constraint of the second secon	20.5-25	L-2	16	- •		) _
16.9-24       L.3       10       •		L-2	20	- ! -		
12.00-24NHS       1-3       16       -	Y67		-		- i - i	P.13
12.00-24MPS   L-3   16   -   -   -   -   -   -   -   -   -	16.9-24		-			-
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	12.00-24NHS					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	12.00.24TC			- •		_
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			-	_		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	14.00-241G	L-3	16	- •	) – •	- 1
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	14.00-24NHS			- •		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	15.5-25					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	17.5-25					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	20 5-25					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	20.0 20				-	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			12	- •	)	_
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	23 5-25	L-3		- •		
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$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	26 5-25		-			
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	20.0-20					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			28		- 0	_
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	20 5 25	L-3	22			) _
Y526K       P13         20.5-25       L-3       16       -       •       •       -         23.5-25       L-3       16       -       •       •       -         23.5-25       L-3       16       -       •       •       -         Y575       L-3       16       -       •       •       -         Y575       L-3       12       -       •       •       -         17.5-25       L-3       16       -       -       •       -         17.5-25       L-3       16       -       -       •       •       -         20.5-25       L-3       16       -       •       •       •       -         23.5-25       L-3       20       -       •       •       -       -         23.5-25       L-3       20       -       •       •       -       -         26.5-25       L-3       24       -       -       •       -       -         29.5-25       L-3       28       -       -       •       -       -         23.5-25       L-4       20       -       •       -					_ 0	) _
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		L-3	28			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Y526K		10			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	20.5-25					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
Y575       P14         17.5-25 $L-3$ 12       -       •       •       -         20.5-25 $L-3$ 16       -       -       •       •       -         20.5-25 $L-3$ 16       -       •       •       •       -         20.5-25 $L-3$ 20       -       •       •       •       -         23.5-25 $L-3$ 20       -       •       •       •       -         23.5-25 $L-3$ 20       -       •       •       -       -         26.5-25 $L-3$ 20       -       •       •       -       -         26.5-25 $L-3$ 24       -       -       •       -       -         29.5-25 $L-3$ 28       -       -       •       -       -         29.5-25 $L-3$ 28       -       -       •       -       -         23.5-25 $L-4$ 20       -       •       •       -       -       -         26.5-25 $L-4$ 20       -       -       •       -	23.5-25			- •		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Y575				1 - 1 -	P.14
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		L-3	12	- •		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	17.5-25	L-3	16		- 0	- (
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				- •		) _
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	20.5-25					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	23 5-25					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	20.0 20					
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $	26 5 25		20	- •		) _
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	20.0-20			• -		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					-	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	20 5 25					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	29.5-25					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Y545	20	01			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	10-10	L-4	16			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	23.5-25					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			24		- •	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	26.5-25					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						
29.5-25         L-4         28         -         -         -         -         -           35/65-33         L-4         24         -         -         •         -						
L-4         24         -         -         •         -         -           35/65-33         L-4         30         -         -         •         -	29.5-25					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	35/65-33				• -	-
	00/00-00				-	
40/00-40 L-4 58 <b>●</b>					• -	-
	40/00-40	L-4	50	; _		

 Specification Code
 CP
 : Cut Protected
 REG
 : Regular
 HR
 : Heat Resistant

 CP-S
 : Cut Protected-S
 RE-R
 : Regular-R
 HR-H
 : Heat Resistant-H

 CP-C
 : Cut Protected-C
 RE-T
 : Regular-T
 HR-V
 : Heat Resistant-V

 CPUG
 : Cut Protected for Underground
 24

## Line-up

## Loader & Dozer

BIAS							
Size	TRA Code	Star Mark Ply Rating	T/ SB	т -	<u> </u>		Spec
Y67E							P.14
17.5-25	L-4	12	- 1	_	- 1		_
29.5-29	L-4	28	-	-	-		_
Y524							P.14
	L-5	12	-	_	-		-
20.5-25	L-5	16	-	-	-		_
	L-5	20	-	-	- SB -		_
	L-5	16	-	_	-		_
23.5-25	L-5	20	-	-	- 1		_
	L-5	24	SB       -       SB       -         -       -       -       -         -		_		
	L-5	20	-	-	-		-
	L-5	24	-	-	-		_
26.5-25	L-5	26	-	-	-		_
	L-5	28	-	-	-		_
	L-5	32	-	-			_
~~ - ~ -	L-5	22	-	_	-		_
29.5-25	L-5	28	-	_			_
	L-5	28	-	-	-		-
29.5-29	L-5	34	-	_		-	-
	L-5	24	-	_		_	_
	L-5	30	-	-		-	_
35/65-33	L-5	36	-	_		_	_
	L-5	42	-	-		-	_
	L-5	48	-	_		_	_
	L-5	36			Ó		_
40/65-39	L-5	56	-	_		_	-
	L-5	38	-	-		-	_
	L-5	46	-	_		-	_
45/65-45	L-5	50	-	-		-	_
	L-5	58	-	_		_	_
Y524Z							P.14
	L-5	24	-	_		-	
35/65-33	L-5	36	-	-	•		-
	L-5	42	-	-	•	-	-
	L-5	38	_	_		_	-
	L-5	46	-	_		-	-
45/65-45	L-5	50	-	_	•	_	-
	L-5	58					

### Grader

RADIAL							
Size	TRA Code	Star Mark Ply Rating	т/т	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	T/T	T/L	Spec		
5120	TRA Code	Ply Rating	SB –	SB –	Spec		
Y103					P.15		
11.00-20TG	G-2	10	- •		-		
11.00-201G	G-2	12	- •		-		
12.00-24TG	G-2	12	- •		-		
	G-2	8	- •	- •	-		
13.00-24TG	G-2	10	- •	- •	-		
	G-2	12	- •	- •	-		
	G-2	10	- •	- •	-		
	G-2	12	- •	- •	-		
14.00-24TG	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	• -		-		
14.00-2410	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. T/T : Tube Type NHS : Not for highway service T/L : Tubeless Type SB : Steel Breaker construction

BIAS	
Size TRA Code Star Mark T/T T/L	Spec
Ply Rating SB - SB -	
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 Cr<u>ane</u>

RADIAL						
Size	TRA Code	Star Mark Ply Rating	т/т	T/L	Spec	
RB01					P.16	
14.00R24NHS	CRANE	상장장		-	-	
385/95R25	CRANE	170E	-		-	
365/95R25	CRANE	170F	-	•	-	
445/95R25	CRANE	174F	-		-	
505/95R25	CRANE	183E	-		-	
RB03					P.16	
14.00R24NHS	CRANE	상상상		-	-	
385/95R25	CRANE	170E	-		-	
303/93R23	CRANE	170F	-		-	
RS01					P.16	
385/95R25	CRANE	170E	-		-	

## Underground

RADIAL						
Size	TRA Code	Star Mark Ply Rating	т/т	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		-		
		Star Mark	T/T	T/L		
Size	TRA Code	Ply Rating	SB -	SB -	Spec	
Y69					P.17	
109	1.50	40		:	P.17	
12.00-24NHS	L-5S	16	- •			
	L-5S	20	- •			
14.00-24NHS	L-5S	20	- •		-	
	L-5S	24	- •		-	
40.00.05	L-5S	24		- •	-	
18.00-25	L-5S	28	- •	- •	-	
	L-5S	32		- •		
	L-5S	16		- •	-	
17.5-25	L-5S	20	- •	- •	-	
	L-5S	24		- •	-	
	L-5S	28		- •	-	
20.5-25	L-5S	16		- •		
20:0 20	L-5S	28		- •	_	
23.5-25	L-5S	20		- : •	-	
2010 20	L-5S	28	- •		-	
	L-5S	28		- •		
26.5-25	L-5S	32		- •		
	L-5S	36	- : -	- •	-	
Y69K					P.17	
18.00-25	L-5S	28		• •	-	
10.00-23	L-5S	32		- •	-	
	L-5S	26		- •	-	
26.5-25	L-5S	32		- •	-	
	L-5S	36		- •	-	
29.5-29	L-5S	34		- •	-	
	L-5S	40	-   -			
Y69U					P.17	
12.00.241110	L-4S	16	• -		-	
12.00-24NHS	L-5S	16	• -		-	
	L-5S	24		• -	-	
18.00-25	L-5S	28		• -	-	
	L-5S	32		• -	-	
17 5 25	L-5S	20		• -	-	
17.5-25	L-5S	28		• -	-	
26 5 25	L-5S	28		• -	-	
26.5-25	L-5S	32		-	_	

## Underground

BIAS						
Size	TRA Code	Star Mark Ply Rating	T/T	T/L SB -	Spec	
Y525	1			100 : -	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	Т/Т	 Т/L	Spec	
	11010000	Ply Rating		"E		
RL43			-		P.19	
14.00R24NHS	IND-4	 \$\p\$		-	_	
RR41					P.19	
16.00R25	IND-4	***	-		_	
		BIAS				
Size	TRA Code	Star Mark	T/T	T/L	Spec	
	TICK COde	Ply Rating	SB –	SB –	Opec	
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	- •			
12.00 2	IND-3	28	- •		-	
13.00-24NHS	IND-3	18	- •		-	
	IND-3	20	- •		-	
14.00.04000	IND-3	20	- •			
14.00-24NHS	IND-3 IND-3	24	- •			
14.00-25NHS	IND-3	20	_	• •		
14.00-2010113	IND-3	24	- •		_	
16.00-25	IND-3	32		-	_	
10.00-20	IND-3	36		_		
	IND-3	32	- •	- •	-	
18.00-25	IND-3	36	- •	_	_	
	IND-3	40		- •	-	
04.00.05	IND-3	36		- •	-	
21.00-25	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 60		- •	-	
37.5-39	IND-3	00	- ! -	- : <b>-</b>	-	
Y69PS		00			P.20	
16.00-25	IND-3	28	- •	- •	-	
VEOE	IND-3	32	- •	- : •	-	
Y505					P.21	
12.00-24NHS	IND-3	20	- •		-	
14.00-24NHS	IND-3	28 40	- •	- •	-	
18.00-25	IND-4	40	- : -	- : •	-	
Y573					P.19	
17.5-25	IND-3	36		- •	-	

25

## Industrial

BIAS					
Size	TRA Code	Star Mark Ply Rating	T/T SB -	T/L SB -	Spec
Y523			- <u>-</u>	<u> 36 -</u>	P.21
16.00-25	IND-4	36		- •	-
	IND-4	32		- •	-
18.00-25	IND-4	36		- •	-
	IND-4 IND-4	40 36		- •	-
18.00-33	IND-4	40		• •	-
24.00-35	IND-4	42		- •	-
27.00-49	IND-4	42		- •	-
33.00-51	IND-4 IND-4	58 58		- •	-
36.00-51	IND-4	72		- •	
40.00.57	IND-4	68		• -	-
40.00-57	IND-4	76		- •	-
Y523U		10			P.21
18.00-33	IND-4	40	- : -	•	-
Y69	IND-3	18			P.20
12.00-24NHS	IND-3	20	-	-	-
14.00-24NHS	IND-4	30	- •		-
18.00-25	IND-4	36		- •	-
	IND-4	40		- •	-
21.00-25 18.00-33	IND-4 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 6.00-9	IND	8	- •		-
6.50-10	IND IND	10			-
5.50-15	IND	8	- •		-
8.25-15	IND	12	- •	_	-
	IND	14	- •		-
9.00-16	IND IND	14 12	- •		-
8.25-20	IND	14	- •		-
9.00-20	IND	14	- •	)	-
10.00-20	IND	14	- •		-
	IND IND	16 14	- 0		-
11.00-20	IND	14			_
12.00-20	IND	16	- •		-
	IND	18	- •		-
13.00-20	IND	20 16	- •		-
12.00-24 <b>Y520</b>	IND	10	- : •		P.22
	IND	8	• •		-
5.00-8	IND	10	- •		-
16×6-8	IND	10	- •		-
18×7-8	IND IND	10 14	- •		-
10×1-0	IND	14	- 0		-
6.00-9	IND	10	• •		-
21×8-9	IND	10	- •		-
	IND	14	- •		-
6.50-10	IND IND	10 12	•••		
7.00-12	IND	14	- •		-
3.00-15	IND	18	- •	)	-
5.50-15	IND	8	• •		-
6.00-15	IND IND	10 10	• •		-
7.00-15	IND	10	- •		_
9 25 45	IND	12	- 0		-
8.25-15	IND	14	- •		-
28×9-15	IND	12		-	-
7.50-16 <b>Y520A</b>	IND	12			P.22
	IND	10			P.22
6.50-10	IND	10	- •	-	-
4.50-12	IND	8	- 0	-	-
7.00-12	IND	12	- •	-	-
2.50-15 8.25-15	IND IND	16 16	- •		-
28×8-15	IND	12	- 0		_