



Company Profile



Made in Holland



About us

Speciality Tyres Kenya Ltd is a leading distributor of premium Heavy Equipment Tyres and Accessories in a wide range of applications mainly focusing on transport, mining & construction, material handling, industrial applications, forestry and agriculture.



Accessories include OTR rims, tyre workshop tools, equipment and consumables.



Our Offices

We have a national presence with sales offices & technical support teams in Nairobi, Mombasa, Narok and Nanyuki.

Tyre centres:

We have a countrywide network of partner-dealers for fitment needs in all major counties and we also have our own fitment centres in Mombasa, Narok and Nanyuki.



Speciality Tyre centre in Nanyuki at Shell Petrol Station opp. Toyota Kenya

Specialised Services

We offer complete Earthmover technical & tyre management services including:

- ✓ On-site tyre fitment
- ✓ Earthmover & tractor tyre repair
- ✓ On-site tyre inspections - Whilst onsite we can investigate tyre failure, tyre fatigue and unusual wear.
- ✓ Scrap analysis
- ✓ Analysis of tyre performance based on 'Cost per kilometer' or 'Cost per hour'
- ✓ Pick up & delivery
- ✓ TPMS (Tyre Pressure Monitor Systems)
- ✓ Tyre Care Training for drivers, machine operators, workshop supervisors and procurement departments. Certificate issued after completing training.
- ✓ Tyre Repair Training - A professional repair can considerably extend the lifetime of a damaged tyre

At Speciality Tyres we believe **'It's All About Service'**. Our commitment to excellence ensures that our customers receive the best products, service and support required.

Give us a call to discuss your tyre needs.



On-site tyre fitment



Fast & safe tyre demounting



On-site tyre inspections



Forklift Solid tyre fitment



Truck/OTR/Agric Sidewall repair



Truck/OTR/Agric Tread repair



Tube repair

Specialised Products



OTR/Agric specific Tyre sealant



Foam filled tyres



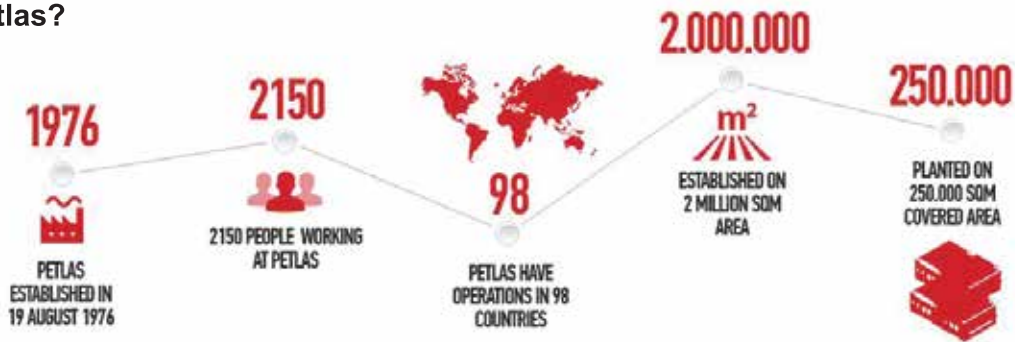
Tyre Protection Chains



Petlas is a Turkish tyre manufacturing company, founded in 1976. It manufactures tyres for:

- ✓ Passenger (PCR)
- ✓ 4x4 (SUV)
- ✓ Light Truck (LTR)
- ✓ Truck & Bus
- ✓ Agricultural
- ✓ Industrial & OTR
- ✓ Forklift
- ✓ Military
- ✓ Aircraft

Why Petlas?



Agricultural Tyre Range



We provide both radial and bias type of agricultural tyres and here is how to know the difference between the two:

Radial and Bias Tractor Tyres

A **radial tractor tyre** is designed as a two-part construction allowing the sidewall of the tyre to flex independently of the face or tread area of the tyre.

A **bias tractor tyre** is designed with a single ply wrapped diagonally from one side of the tyre to the other. This means that as the tyre flexes, the face or tread of the tyre deforms leading to faster and more uneven wear. In addition, the overlapped plies form a thick layer that is less flexible and more sensitive to overheating.



Advantages of a Radial Tractor tyre:

- ✓ Better grip and traction with wide tread, reduced slip
- ✓ Lower rolling resistance
- ✓ Minimised soil compaction
- ✓ Maximized life span
- ✓ Improved driving comfort with stronger and more flexible sidewall
- ✓ Lower fuel consumption
- ✓ Higher load capacity

Bias Tyre Drawbacks:

- Rougher ride for operator both in the field and on the road
- More compaction and rutting in fields
- 2–3 times shorter tread life
- Less traction/more slippage
- More fuel consumption

Rim size diameter	Designation in Inches	85 series	80 series tires	75 series tires	70 series tires	65 series tires	60 series tires	50-55 Series tires	Row Crop Tires 90-95 series
16	-				200/70 R16				
	6.00 R16		210/80 R16		240/70 R16	260/65 R16			
	6.50 R16				260/70 R16	280/65 R16			
18	7.50 R16		250/80 R16		280/70 R16	320/64 R16			
	7.50 R18		250/80 R18		280/70 R18	320/65 R18			
20	6.50 R20				260/70 R20				
	7.50 R20				280/70 R20	340/65 R18			
	9.5 R20		260/80 R20		300/70 R20	340/65 R20			
	11.2 R20	280/85 R20			320/70 R20				
	12.4 R20	320/85 R20	340/80 R20	340/75 R20	360/70 R20	420/65 R20			
24	-	250/85 R25			300/70 R24				
	8.3 R24	280/85 R20			320/70 R20				
	9.5 R24	320/85 R20	340/80 R20	340/75 R20	360/70 R20	440/65 R20			
	-	250/85 R24			300/70 R24				
	11.2 R24	280/85 R24			320/70 R24	440/65 R20			
	-				380/70 R24				
	12.4 R24	320/85 R24			360/70 R24	420/65 R24			
	13.6 R24	340/85 R24			380/70 R24	440/65 R24			210/95 R32 8.3 R32
	-				400/70 R24				
	14.9 R24	380/85 R24			420/70 R24	480/65 R24			230/95 R32 9.5 R32
26	16.9 R24	420/85 R24			480/70 R24	540/65 R24			270/95 R32 11.2 R32
	14.9 R26				380/70 R28	540/65 R24			270/95 R32 11.2 R32
	16.9 R26				480/70 R28	540/65 R26			270/95 R32 11.2 R32
	-				480/70 R28	540/65 R26			270/95 R32 11.2 R32
	18.4 R26				520/70 R26	540/65 R28	600/60 R28	750/50 R26	230/95 R36 9.5 R36
	-				480/70 R28				230/95 R38 9.5 R38
	23.1 R26			620/75 R26	600/70 R30	600/65 R32		1000/50 R25	
28	28 LR26			620/75 R26	650/70 R26	750/65 R26		1000/50 R25	
	9.5 R28	250/85 R28			360/70 R24	340/65 R28			
	11.2 R28	280/85 R28			320/70 R28	440/64 R24			210/95 R32 8.3 R32
	12.4 R28	320/85 R28			360/70 R28	420/65 R28			
	13.6 R28	340/85 R28			380/70 R28	440/65 R28	480/60 R28		270/95 R32 11.2 R32
	14.9 R28	380/85 R28			420/70 R28	480/65 R28	520/60 R28		230/95 R36 9.5 R36
30	16.9 R28	420/85 R28			480/70 R26	540/65 R26			270/95 R36 11.2 R36
	14.9 R30	380/85 R30			480/70 R28	540/65 R28	600/60 R28	750/50 R26	270/95 R36 11.2 R36
	16.9 R30	420/85 R30		480/75 R30	480/70 R30	540/65 R30	600/60 R30		270/95 R38 11.2 R38
	18.4 R30	460/85 R30			520/70 R30	600/65 R30		710/55 R30	230/95 R40 8.3 R44
	23.1 R30	320/85 R38			600/70 R28	600/70 R28			420/90 R30 8.3 R44
32	12.4 R32	320/85 R32			480/70 R38	540/65 R38			210/95 R40 -
	24.5 R32				650/70 R38	650/70 R38			230/95 R40 -
	30.5 LR32				620/75 R30	540/65 R38	600/60 R38		270/95 R36 11.2 R36
34	14.9 R34	380/85 R34			480/70 R38	540/65 R38			270/95 R36 11.2 R36
	16.9 R34	420/85 R34		400/75 R38	480/70 R34	540/65 R34			270/95 R36 11.2 R36
	18.4 R34	460/85 R34		520/75 R34	520/70 R34	600/65 R34			230/95 R44 9.5 R48
	23.1 R34			620/75 R34	520/70 R38	600/65 R38			230/95 R48 9.5 R48
36	-		480/80 R34		650/75 R32				
	8.3 R36	420/85 R24			600/70 R34	480/70 R24			210/95 R36 8.3 R36
	11.2 R36	320/85 R34			480/70 R24	540/65 R24			270/95 R36 11.2 R36
	12.4 R36	320/85 R36		480/75 R30	480/70 R30	540/65 R30	600/60 R30		270/95 R38 11.2 R38
	13.6 R36	340/85 R36			520/70 R30	600/65 R30		710/55 R30	210/95 R44 8.3 R44
	-	380/85 R34			600/70 R28	600/70 R28			210/95 R44 8.3 R44
38	12.4 R38	320/85 R38			620/70 R26				
	13.6 R38	340/85 R38							
	14.9 R38	380/85 R38	380/80R38	400/75 R38	500/70 R34	540/65 R34			230/95 R44 9.5 R44
	-	460/85 R34		520/75 R34	520/70 R34	600/65 R34			230/95 R44 9.5 R44
	15.5 R38	340/85 R38		400/75 R38	500/70 R34	540/65 R34			230/95 R44 9.5 R44
	16.9 R38	420/85 R38		620/75 R30	480/70 R38	540/65 R38	600/60 R38		230/95 R48 9.5 R48
	18.4 R38	460/85 R38	480/80 R38	620/75 R34	520/70 R38	600/65 R38	650/60 R38		300/95 R46 12.4 R46
42	20.8 R38	520/85 R38	480/80 R42	680/75 R32	580/70 R38	650/65 R38	710/60 R38	900/55 R32	270/95 R48 11.2 R48
	-		420/80 R46		620/70 R38	750/65 R34	900/60 R32	1050/50 R32	320/90 R50
	-				600/70 R38	800/65 R32			
	-				650/70 R38	650/65 R38			
	18.4 R42	460/85 R42		680/75 R32	580/70 R38	600/65 R42		900/55 R32	320/90 R50
46	20.8 R42	340/85 R48	480/80 R46	650/75 R38	620/70 R38	650/65 R38	710/60 R42	1050/50 R32	300/95 R52 12.4 R52
	-	520/85 R42		710/75 R34	580/70 R42	650/65 R42	900/60 R32	900/50 R42	270/95 R54 11.2 R54
	-	680/85 R32			620/70 R42				320/90 R54
	-				710/70 R38				
46	20.8 R46	520/85 R46	480/80 R50		800/70 R38	650/65 R46	900/60 R38		500/95 R32
	-	650/85 R38			710/70 R42				
2 m 15		710/85 R38		710/75 R42			900/60 R42		

Tire sizes available in Petlas Brand are in bold. The data used in these equivalences chart is based on ETRTO.





TD 17 Tractor Front

PERFORMANCE INFORMATION

Farm front tyre with strong carcass structure



FEATURES

Long service life / Durability

- Strong nylon carcass structure provides optimum durability
- Improved tread compound provides high resistance against wear and cuts
- Strong center and shoulder design provides high resistance to side impacts and tread base fatigue

Ease of use

- Special tread geometry provides easy steering
- Flexible carcass structure prevents sinking

Self cleaning

- Special tread design provides efficient self cleaning

SIZES 6.00-16 • 7.50-16 • 9.00-16 • 11.00-16





TD 25 Tractor Front

PERFORMANCE INFORMATION

Ideal tractor front tyre with special tread design for field and short distance road usage.



FEATURES

Long service life / Durability

- Strong nylon carcass structure provides optimum durability
- Improved tread compound provides high resistance against wear and cuts
- Strong center and shoulder design provides high resistance to side impacts and tread base fatigue

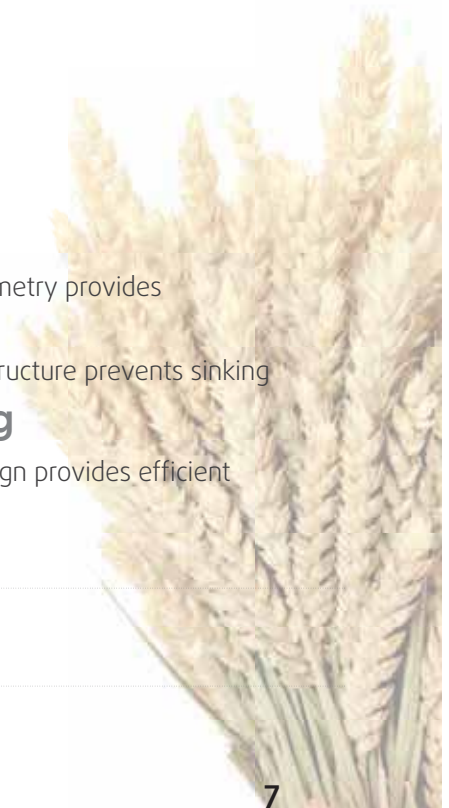
Ease of use

- Special tread geometry provides easy steering
- Flexible carcass structure prevents sinking

Self cleaning

- Special tread design provides efficient self cleaning

SIZES 6.00-16 • 6.50-16 • 7.50-16





TA 60 Tractor Front

PERFORMANCE INFORMATION

High traction R1 farm front tyre for standard field operations



FEATURES

Long service life / Durability

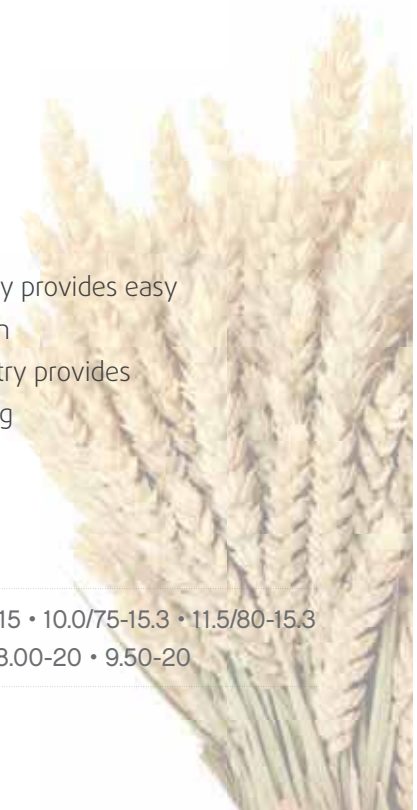
- Strong nylon carcass structure provides optimum durability
- Special tread compound provides high resistance against wear and cuts
- Tread profile provides high resistance to tread base fatigue

Ease of use

- Wide and strong body provides easy grip and high traction
- Special tread geometry provides efficient self-cleaning

SIZES

5.00-10 • 5.00-12 • 6.5/80-12 • 7.00-12 • 10.0/80-12 • 5.00-15 • 10.0/75-15.3 • 11.5/80-15.3
6.00-16 • 6.50-16 • 7.50-16 • 7.00-18 • 7.50-18 • 7.50-20 • 8.00-20 • 9.50-20



TA 60 Tractor Rear

PERFORMANCE INFORMATION

High traction R1 farm rear tyre for standard field operations



FEATURES

Long service life / Durability

- Strong nylon carcass structure provides optimum durability
- Special tread compound provides high resistance against wear and cuts
- Tread profile provides high resistance to tread base fatigue

Ease of use

- Wide and strong body provides easy grip and high traction
- Special tread geometry provides efficient self-cleaning

SIZES

8.3-24 • 9.5-24 • 11.2-24 • 12.4-24 • 13.6-24 • 14.9-24 • 18.4-26 • 11.2-28 • 12.4-28
13.6-28 • 14.9-28 • 16.9-28 • 14.9-30 • 16.9-30 • 18.4-30 • 12.4-32 • 16.9-34 • 18.4-34
12.4-36 • 13.6-36 • 13.6-38 • 14.00-38 • 15.5-38 • 16.9-38 • 18.4-38



TA 330 Tractor Rear

■ PERFORMANCE INFORMATION

R1 farm rear tyre with high resistance/traction and deep tread design for tough operating conditions



■ FEATURES

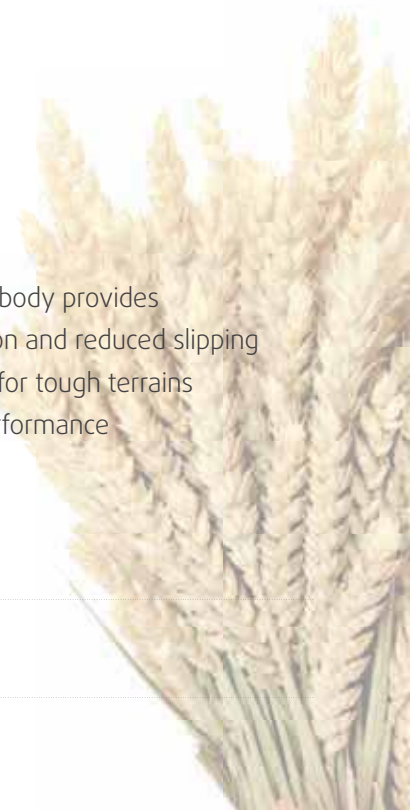
Long service life / Durability

- Strong nylon carcass structure provides optimum durability
- Tread compound specially developed for stony/tough terrains provides high resistance against wear and cuts
- Tread profile with extra wide tread base provides perfect resistance to tread base fatigue

Ease of use

- Wide and reinforced body provides easy grip, high traction and reduced slipping
- Special tread design for tough terrains provides superior performance

■ SIZES 30.5L-32



TA 110^{/65} Tractor Radial

PERFORMANCE INFORMATION

General purpose R1W farm front and rear tyre with standard profile and tread design for high traction tractors



FEATURES

Long service life / Durability

- Strong carcass and impact ply
- Special tread compound provides high resistance against wear and cuts
- Tread profile provides high resistance against tread base fatigue and the tire maintains its traction performance even at its half-life

Ease of use

- Special tread geometry provides self cleaning
- Strong and flexible sidewall
- Perfect grip/high traction with wide footprint

Low soil compaction

/ Reduced slip

- Special tread structure provides high traction and less sinking at soft surfaces
- Wide footprint provides lower soil compaction
- Ensures a balanced steering by reduced slip at all surfaces

SIZES

420/65 R24 • 480/65 R24 • 540/65 R24 • 440/65 R28 • 480/65 R28 • 540/65 R28
540/65 R30 • 540/65 R34 • 600/65 R34 • 540/65 R38 • 600/65 R38 • 650/65 R38
600/65 R28 • 600/65 R42 • 650/65 R42

TA 110^{/70} Tractor Radial

PERFORMANCE INFORMATION

General purpose R1W farm front and rear tyre with standard profile and tread design for high traction tractors



FEATURES

Long service life / Durability

- Strong carcass and impact ply
- Special tread compound provides high resistance against wear and cuts
- Tread profile provides high resistance against tread base fatigue and the tire maintains its traction performance even at its half-life

Ease of use

- Special tread geometry provides self cleaning
- Strong and flexible sidewall
- Perfect grip/high traction with wide footprint

Low soil compaction / Reduced slip

- Special tread structure provides high traction and less sinking at soft surfaces
- Wide footprint provides lower soil compaction
- Ensures a balanced steering by reduced slip at all surfaces

SIZES

200/70 R16 • 240/70 R16 • 260/70 R16 • 280/70 R16 • 280/70 R18 • 260/70 R20 • 280/70 R20 • 300/70 R20 • 320/70 R20
360/70 R20 • 380/70 R20 • 320/70 R24 • 360/70 R24 • 380/70 R24 • 420/70 R24 • 480/70 R24 • 480/70 R26 • 320/70 R28
360/70 R28 • 380/70 R28 • 420/70 R28 • 420/70 R30 • 480/70 R28 • 480/70 R30 • 520/70 R30 • 480/70 R34 • 520/70 R34
480/70 R38 • 520/70 R38 • 580/70 R38 • 580/70 R42



TA 110/80 Tractor Radial

PERFORMANCE INFORMATION

General purpose R1W farm front and rear tyre with standard profile and tread design for high traction tractors



FEATURES

Long service life / Durability

- Strong carcass and impact ply
- Special tread compound provides high resistance against wear and cuts
- Tread profile provides high resistance against tread base fatigue and the tire maintains its traction performance even at its half-life

Ease of use

- Special tread geometry provides self cleaning
- Strong and flexible sidewall
- Perfect grip/high traction with wide footprint

Low soil compaction / Reduced slip

- Special tread structure provides high traction and less sinking at soft surfaces
- Wide footprint provides lower soil compaction
- Ensures a balanced steering by reduced slip at all surfaces

SIZES

260/80 R20 • 480/80 R38 • 480/80 R42 • 480/80 R46 • 480/80 R50

TA 110^{/85} Tractor Radial

PERFORMANCE INFORMATION

General purpose R1 farm front and rear tyre with standard profile and tread design for high traction tractors



FEATURES

Long service life / Durability

- Strong carcass and impact ply
- Special tread compound provides high resistance against wear and cuts
- Tread profile provides high resistance against tread base fatigue and the tire maintains its traction performance even at its half-life

Ease of use

- Special tread geometry provides self cleaning
- Strong and flexible sidewall
- Perfect grip/high traction with wide footprint

Low soil compaction / Reduced slip

- Special tread structure provides high traction and less sinking at soft surfaces
- Wide footprint provides lower soil compaction
- Ensures a balanced steering by reduced slip at all surfaces

SIZES

9.5 R20 • 9.5 R24 • 280/85 R20 • 320/85 R20 • 280/85 R24 • 320/85 R24 • 340/85 R24 • 380/85 R24 • 420/85 R24
280/85 R28 • 320/85 R28 • 340/85 R28 • 380/85 R28 • 420/85 R28 • 380/85 R30 • 420/85 R30 • 460/85 R30 • 320/85 R32
380/85 R34 • 420/85 R34 • 460/85 R34 • 320/85 R36 • 340/85 R36 • 320/85 R38 • 340/85 R38 • 380/85 R38 • 420/85 R38
460/85 R38 • 460/85 R38 **RF** • 520/85 R38 • 520/85 R38 **RF** • 650/85 R38 • 520/85 R42
520/85 R42 **RF** • 520/85 R46

TA 130/70 IF SERIES

Harvester- Tractor
Radial

PERFORMANCE INFORMATION

General purpose R1W farm front and rear tyre with improved flexion (IF) technology designed for high power tractors and harvesters.



FEATURES

Long service life / Durability

- With Improved flexible sidewalls, thanks to improved flexion technology, high traction at low tire pressure level without no harm to crops.
- Reinforced sidewalls with improved flexion technology allow to carry more load compare to other tires at the same pressure level

High Tractiorn / Self Cleaning

- Special tread geometry provides self cleaning
- Strong and flexible sidewall
- Perfect grip/high traction with wide footprint

Low soil compaction / Reduced slip

- Special tread structure provides high traction and less sinking at soft surfaces
- Wide footprint provides lower soil compaction
- Ensures a balanced steering by reduced slip at all surfaces

SIZES IF 600/70 R30 • IF 800/70 R38 • 600/70 R28 • 600/70 R30
• 600/70 R34 • 710/70 R38 • 800/70 R38 620/70 R42 • 710/70 R42

TA 130⁷⁵ Harvester -Tractor Radial

PERFORMANCE INFORMATION

General purpose R1W farm front and rear tyre with standard profile and tread design for high power tractors and harvester



FEATURES

Long service life / Durability

- Strong carcass and impact ply
- Special tread compound provides high resistance against wear and cuts
- Tread profile provides high resistance against tread base fatigue and the tire maintains its traction performance even at its half-life

High Tractiorn / Self Cleaning

- Special tread geometry provides self cleaning
- Strong and flexible sidewall
- Perfect grip/high traction with wide footprint

Low soil compaction

/ Reduced slip

- Special tread structure provides high traction and less sinking at soft surfaces
- Wide footprint provides lower soil compaction
- Ensures a balanced steering by reduced slip at all surfaces

SIZES 620/75 R26 • 620/75 R30 • 650/75 R32



TA 120 Row Crop

PERFORMANCE INFORMATION

General purpose R1W farm front and rear tyre with narrow profile and tread design for sprayers and row crop tractors



FEATURES

Long service life / Durability

- Strong carcass and impact ply
- Special tread compound provides high resistance against wear and cuts
- Tread profile provides high resistance against tread base fatigue and the tire maintains its traction performance even at its half-life

Narrow Profile / Crop Production

- Narrow profile and special tread design eliminates crop damage

Low soil compaction / Reduced slip

- Strong tread and carcass structure provide high traction under heavy load.

SIZES

210/95 R32 • 230/95 R32 • 270/95 R32 • 210/95 R36 • 230/95 R36 • 270/95 R38
230/95 R40 • 210/95 R44 • 230/95 R44 • 270/95 R44 • 300/95 R46 • 340/85 R48
230/95 R48 • 270/95 R48 • 300/95 R52 • 270/95 R54 • 380/90 R46



PERFORMANCE INFORMATION

Modern harvester and trailer tyre for fields and short distance roads



FEATURES

Long life

- Durable nylon carcass structure
- Deep / wide 5 rib tread design on the center
- Strong tread on shoulders
- High resistance against cuts and tread wear thanks to special tread compound.

Perfect load capacity / Ultimate performance

- Strong carcass structure
- Strong tread on shoulders
- It prevents from slide to sides and sinking to the ground with its wide tread design and high load capacity, and provides a balanced drive.

SIZES 19.0/45-17 • 500/50-17 • 15.0/55-17 • 400/60-15.5 • 10.5/65-16 • 340/55-16 • 13.0/65-18 • 10.0/75-15.3 RF
10.0/75-15.3 • 11.5/80-15.3 RF • 11.5/80-15.3 • 12.5/80-15.3 RF • 12.5/80-15.3 • 340/55-16 • 10.5/80-18



UN 3 Trailer

PERFORMANCE INFORMATION

Heavy load capacity trailer tyre (for modern agriculture) with special tread design for fields and short distance roads



FEATURES

Long service life /Durability

- Durable nylon carcass structure
- Special tread design
- High resistance against cuts and tread wear with special tread geometry design.

Heavy load capacity / High performance

- Special tread structure
- High resistance carcass structure
- It squeezes less soil with its wide base area, so provides high traction on soft surfaces. It provides perfect balance also on soft surfaces by preventing slide to sides.

SIZES

10.0/75-15.3 • 10.0/75-15.3 REINFORCED • 10.0/80-12 • 11.5/80-15.3 REINFORCED
11.5/80-15.3 • 12.5/80-15.3 REINFORCED • 12.5/80-15.3 • 260/70-15.3



UN 7 Trailer

PERFORMANCE INFORMATION

High speed capability has been developed for implement machines for field and road transport is free-rolling tyre



FEATURES

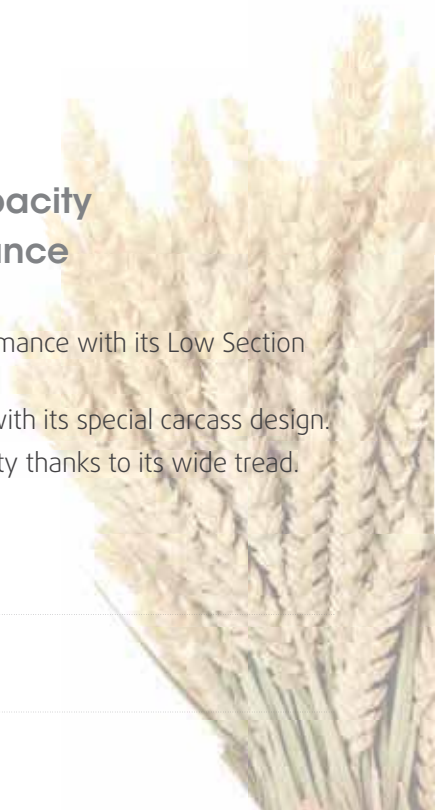
Long service life /Durability

- Durable carcass structure.
- High resistance against stubble cuts and tread wear with its special tread compound.
- Superb resistance against cuts and puncture with its reinforced sidewall.

Heavy load capacity / High performance

- It ensures high performance with its Low Section Height profile design.
- Heavy load capacity with its special carcass design.
- High flotation capability thanks to its wide tread.

SIZES 9.5L-14SL • 9.5L-15SL • 11L-15SL 12.5-15SL





PERFORMANCE INFORMATION

Traction type trailer tyre with heavy resistance for fields and short distance roads. High resistance against cuts and tread wear with special wide / deep geometry design.



FEATURES

Long life

- Durable nylon carcass structure
- Special tread design
- Wide and deeper tread design provides high resistance against cuts and tread fatigue

Heavy load capacity / Self Cleaning

- Special tread structure
- Strong carcass structure, high load capacity and self-cleaning property

SIZES 9.00-16 • 11.5/80-15.3



BD 60 Harvester

PERFORMANCE INFORMATION

General purpose agricultural tyre with standard profile and R1 deep tread design for high power-high traction tractors / harvesters.



FEATURES

Long life / Durability

- Durable nylon carcass structure
- Special tread design
- High resistance against cuts and tread wear with special tread

High Traction

- Perfect grip to soil / slide free transmission of power to the ground with tread geometry, designed differently on center and shoulders
- Thanks to the special tread geometry property, this traction level is maintained in the later half-life of the tire

Self cleaning

- The tyre cleans itself by its special tread design

SIZES 18.4-30



PERFORMANCE INFORMATION

Harvester tyre



FEATURES

Long life / Durability

- Durable nylon carcass structure
- Special tread compound harvester
- High resistance against cuts and tread wear with special tread geometry design.

High Traction / Self cleaning

- Special tread geometry, designed differently on center and shoulders.
- Perfect grip/high traction and self-cleaning property

High safety on inclined fields

- Prevention from side rolling / high safety thanks to improved lateral resistance with reinforced sidewall / carcass structure.

SIZES 23.1-26 • 23.1-30 • 20.8-38

IMF 18 Flotation

PERFORMANCE INFORMATION

High traction general purpose flotation tyre with standard profile and deep tread design, developed for heavy working conditions



FEATURES

Long life

- Durable nylon carcass structure
- Tread design, developed for soft surfaces
- High resistance against cuts and tread wear thanks to deep and wide tread geometry design.

Perfect load capacity/ Ultimate performance

- Strong tread structure
- Strong shoulder structure
- With its wide / round tread design and heavy load capacity, it provides perfect balance also on soft surfaces by preventing slide to sides.

SIZES 12.5/80-15.3 • 400/60-15,5 • 500/60-22,5 • 550/60-22,5 • 600/50-22,5

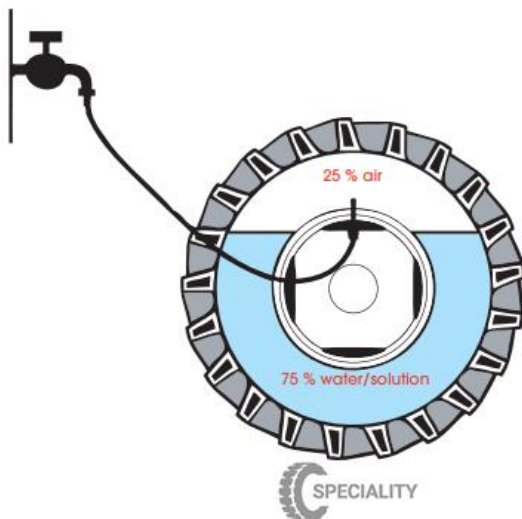
Technical Information

STORAGE

- Tyres should be stored on special shelves and vertically. In case they are stored vertically one above the other, maximum of 8 tyres must be put and the tyres need to be switched each month.
- In the tyre storage area, remove any material which may create ozone effect such as oil, gasoline, solvent, car battery acid, acid installation system, sodium hydroxide, electrical engine or fluorescent light.
- In case there is no facility to store the tyre on special shelves, their contact with the ground must be prevented and they must be stored one above the other, if they are mounted on rim or vertically, if not mounted on rim.

TRACTOR TYRE BALLASTING

Tyre ballasting is where the tubeless tractor tyre or inner tube is filled with water in order to provide extra weight to stabilise a tractor. It can also be used to lower the centre of gravity of the machine which, in turn, makes it more stable in situations where the ground is uneven/ wet. The traction of a tyre is in direct proportion to its weight. The heavier the tyre is, the more traction it has.



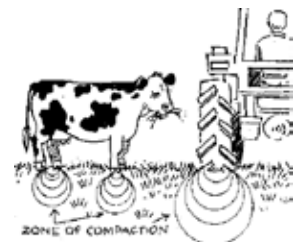
In order to increase the traction power and to prevent wear which may occur as a result of slipping, iron cast ballasts should be installed on the front or rear side of the tractor or liquid ballast must be applied. PETLAS and vehicle manufacturers recommend use of iron cast ballasts. In cases which iron cast ballast application is not possible, Tyre may be liquid filled.

Agricultural tyre valves are usually of the 'air and water type'. Once the tyre has been fitted on the tractor or machine, the tyre is deflated to a low level of pressure, around 7psi or 0.5 bars. You need to position the tractor tyre with the air/water valve at the top of the tyre, and then fill the tyre or inner tube with water. Liquid ballasting must be done with a mixture of water /calcium chloride in a way to fill not more than 75 % of the tyre. This is done by using the correct air/water adapter on the end of the water hosepipe and airline.

Finally, finish inflating the tyre with air and adjust the pressure as required. As only 25% of the tractor tyre or inner tube is filled with air, you should regularly check the air pressure in the tyre, we suggest once per month.

ARE YOUR CURRENT TYRES STUNTING YOUR FARM'S YIELDS?

- Research has shown that soil compaction can slash yields by up to 15% in a single year.
- Compaction in the topsoil is primarily determined by contact pressure; whereas, subsoil compaction is primarily determined by axle load.
- The primary negative effect of soil compaction on crop production is a reduction in the ability of soil to supply water and nutrients to the crop.



FIND THE REAL SOURCE OF COMPACTION

How do you identify the top compaction-causing culprit on your farm? While it's not 100% foolproof, analyzing your equipment based on the following three factors will get you started on the right track.

a) Tyre Type

Tyre Type – Bias vs Radials

If you're still running around your fields with bias ply tyres, swapping them out for a set of radial tyres should be your first move.

Tyre Type – Duals vs Supersingles

Tractors are heavier and more powerful than ever before, and as a result, issues associated with soil compaction are becoming an increasingly common problem. Despite this, many continue to run tyres that only worsen it. By running super singles, a grower will reduce field disturbance between rows, they will also experience better ride quality and will have reduced surface compaction. Super singles will also improve the ability to work in wet field conditions.

Tyre Type – Radial Standard vs IF vs VF Tyres

IF tyres (**I**ncreased **F**lexion) tyres, carry the same weight as standard radial tyres, but at 20% less air pressure. VF tyres (**V**ery **I**ncreased **F**lexion) tyres, carry the same weight as standard radial tyres but at 40% less air pressure. Purchase these tyres and you can keep the same wheels, load the same amount of weight, and cruise at the same travel speeds—all while slashing your tyres' air pressure and gaining a bigger footprint for better traction and less compaction.

IF and VF tyres achieve these gains using highly technical sidewalls that incorporate a complex network of steel belts to help carry the load and promote a uniform, rectangular, and larger footprint. Rather than depending on air pressure alone to carry the load, these tyres use both the sidewalls and air pressure to distribute your machine's weight more evenly and over a larger area. Manufacturers design these tyres to have a longer footprint (instead of a wider footprint) than a standard radial. Traction improves because a longer footprint puts more tread bars on the ground, which gives you more pull for each engine revolution.

What does this mean for you, on the ground, in your fields?

IF/VF tyres deliver better fuel economy and longer wear, thanks to a decrease in slippage and an increase in traction. Plus, stouter sidewalls offer stronger protection against corn stalk damage.

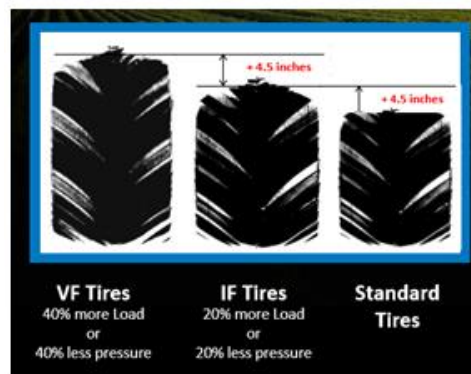
IF/VF tyre options are available from Speciality Tyres (K) Ltd for **Tractors, Combines, Sprayers, and Implements.**

b) Tyre Air Pressure

There is a direct correlation between the recommended inflation pressure for a tyre, the machine's weight (or load), and footprint size. The heavier the load, the more air you need in your tyres to carry it. And the more air pressure in your tyres, the smaller your footprint—it's a recipe for severe compaction.

c) Traffic control

Whether you have super singles, duals—an inflation system or no inflation system—the less you drive across your fields . . . the better for your yields. Match your equipment sizes so that you use the same tracks each time you make a pass across the field. GPS guidance will make it possible to use the same tracks year after year.





BEST Tyre Protection Sealant

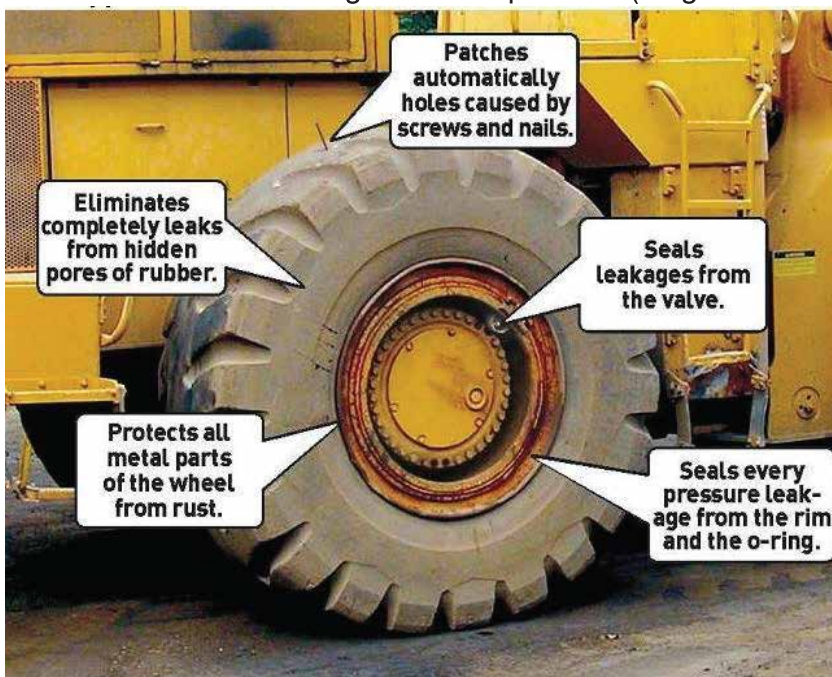
Tyres are very expensive and the highest running cost of heavy duty equipment, excluding fuel. Protecting tyres with BEST Tyre Protection Sealant, is an investment that returns its cost multiplied many times.

Are all tyre sealants the same?

- ✓ Definitely not! There are some that shine above the rest. Discover the **UNIQUE** benefits of BEST T.P.S. which is a product completely different than other sealants, both due to its composition and its qualities. BEST T.P.S. is **liquid vulcanized rubber**. Here are some of its advantages:
- ✓ It is inserted into the tyre **through the valve**, (no downtimes for application)
- ✓ Inserted **only ONCE** in the lifetime of the tyre, (no need to change, no matter how many years the tyre is operational on the machine)
- ✓ Remains **liquid** for all years and creates an **air-proof layer** inside the tyre, covering the **ENTIRE** internal area. This layer does not permit air to escape.

BEST T.P.S seals air leakages from very difficult areas like:

1. The **O-ring** in split type rims
2. The **bead** (bead leakages are not to be confused with O-ring leakages, as the O-ring is almost 5 to 10 cm away from the bead)
3. **Seals ALL pores**. Pores are very often found in low cost tyres
4. Creates **patches** on the tread area, if the tyre is punctured.
5. Finally but certainly most importantly, it is the **UNIQUE solution** to save leakages from separation (bulges or bubbles) of the tyre layers.



Saves Bulged / Separated Tyres



Seals leakages from the edge of big pieces, if stuck in the rubber mass

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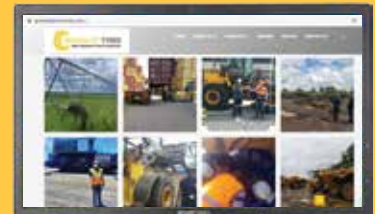
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Email: nanyuki@specialitytyres.co.ke

Technical & Training Queries:


Email: technical@specialitytyres.co.ke



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