



Pneumatic Tyres

Tyres, Chains & Hydraulic Components

Manitou PNEUMATIC TYRES

The reliability of your all-terrain material handling equipment depends first and foremost on the state of the tyres. As the only point of contact between the ground and the machine, the tyre requires a level of sophistication and a choice approved by the manufacturer to ensure the safety of the operator, the machine's performance, and the tyre's longevity. All our tyres are tested and approved by our design office, in accordance with our specifications: sidewall damage resistance, vibration reduction, choice of tread design for maximum traction, and, very importantly, longitudinal and lateral safety and stability of your machine. MANITOU has chosen major brands as partners to offer you a wide range: radial or diagonal pneumatic tyres, pneumatic shaped solids, wheel rims, complete wheels, etc. MANITOU can fulfill all your requirements: make sure you choose the right tyres! Follow Manitou recommendations and choose only approved tyres for your machine. Ask your dealer for advice.

The key strengths of our selection

- Durability
- Grip
- Precision
- Handling
- Even Wear Comfort
- Stability

Characteristics of your tyres

- Type
- Size
- Wear Index Rolling
- Direction

When should you replace the tyres on your MANITOU?

- Check the tread depth.
- Check the appearance of the tread and sidewalls.
- Check the sidewalls: no deep tears or cord showing.
- Replace the valve each time the tyre is changed: it guarantees watertightness and contributes to the durability of your tyres.
- Check tyre pressure regularly when tyres are cold: improper inflation causes premature wear and higher fuel consumption.

How do you choose the tyre that fits your requirements?

Every item of MANITOU equipment has been approved with a specific design and type of tyre. In order to conform with safety standards and the various load charts, it is essential to follow MANITOU recommendations.

MANITOU's commitment to the environment

MANITOU has established a strict waste management system for each branch: every dealership sorts the waste materials generated by its mechanical activity and takes part in reusing, recycling or recovering them.



A 325 - Diagonal

Robust and stable.

- Shock and puncture resistant due to the nature and quantity of casing plies.
- Tear-resistant due to thickness, quality, and protective rubber compounds and tread patterns.
- Solid stability: high rigid sidewalls (vertical and lateral).

CONSTRUCTION: All-terrain - mixed surfaces



A 570 - Radial

For agricultural applications. Steel and polyester casing.

- Strong traction on soft surfaces due to its specific profile.
- Driving comfort on hard surface.
- For speed <25 km/h (machines not HRT certified).

AGRO INDUSTRIAL: All-terrain - soft ground



A 580 - Radial

For agroindustrial applications. Steel and polyester casing.

- Very good grip and high performance on soft surfaces.
- Driving comfort and efficiency on hard surfaces.
- Good road-holding.
- Optimized fuel efficiency.

For HRT certified machines (roads).

AGRICULTURAL: All-terrain - mixed surfaces



XMCL - Radial

For compact telehandlers, backhoe loaders and compact loaders.

Very good technical performance :

- Conception : Lug depth, protective steel crown plies, sidewall protective band and new design.
- Great stability and comfort.
- Excellent puncture resistance, long service life.

AGRICULTURE: All-terrain - soft ground



POWER CL - Diagonal

For agricultural and industrial machines.

- Damage resistant tread.
- Closely spaced central tread pattern and specific rubber compound to reduce risks of puncture and tearing.
- Excellent sidewall stability: crossply construction and angled plies for stability of elevated loads.

CONSTRUCTION: mixed surfaces



XHA - Radial

Suitable for loaders, on rough surfaces, with heavy loads.

- Very good lateral stability.
- High wear resistance.
- Reduction of hourly costs and saves on fuel.

INDUSTRIAL: All-terrain - hard floors



BIBLOAD HARD SURFACE - Radial

For agro-industrial use : innovative diamond sculpture technology for high load capacity, stability and durability.

- Large contact patch due to its 96 tread blocks
- Reduced vibrations.
- Optimal traction on the road and on slopes.
- Highly resilient with reinforced sidewalls.

CONSTRUCTION/INDUSTRIAL - hard surfaces



TH400

Agro-industrial use: For telehandlers. Its adaptability on the most difficult floors ensures a great stability to the machine.

- Limited wear and increased lift
- Nose of stiffened crampons
- Rounded cleats more resistant to aggression
- Inter-crampon facets facilitate self-cleaning

AGRICULTURE / INDUSTRIAL - mixed surfaces



MPT 70 - Radial

- For heavyduty, allterrain applications, on small and large construction sites.
- Sturdy tread pattern, ideal for construction.
- Large contact surface for bidirectional traction.
- Selfcleaning properties due to tread pattern.

INDUSTRIAL: All-terrain - mixed surfaces



MPT 80 - Radial

- For all-terrain forklifts on paved or unpaved surfaces.
- Very good contact patch for increased traction force.
- Durability.
- Tread pattern suited to traction on soft ground.

INDUSTRIAL/CONSTRUCTION: All-terrain - soft ground



IC 40 - Diagonal

- For use in harsh conditions.
- Extra Deep Profile: low hourly operating cost.
- Excellent tread pattern for good traction.
- Greater sidewall stability for enhanced shock resistance.

INDUSTRIAL: Mixed surfaces



IC 30 - Diagonal

- Profile suited to use on unpaved surfaces.
- Solid shoulder with wearresistant rubber compound.
- Long service life. Selfcleaning profile for good traction.

INDUSTRIAL/CONSTRUCTION: Soft ground



RT 20 - Radial

- Long service life.
- Good damage resistance, even in very difficult conditions.
- Maximum tilting stability.

INDUSTRIAL: Severe conditions



RV 20 - Radial

- Low energy consumption.
- Great damage resistance due to construction.
- Wet grip.

INDUSTRIAL: Hard surfaces

Advice

The selection of each tire is specific for each machine. Our Design Department makes a homologation of each tire by machine in order to propose you a chart of maximum load in safety for your machine. Contact your dealer for the tires approved for your machine.



SKS532 - Diagonal

For new generation compact mini-loaders for the most difficult uses on soft ground.

- Tread with very deep carvings with curved crampons
- Sidewall design provides better impact protection
- Self-cleaning graded tread
- Protection by reinforcing troughs of the tread

CONSTRUCTION: soft mixed ground



SKS732- Diagonal

Top-of-the-line next-generation off-road tires for compact mini-loaders.

- Tread with very deep tread pattern and optimized crampon / hollow ratio.
- New sidewall design provides better impact protection.
- Innovative profiled and curved crampons.
- New phased profiles maximizing self-cleaning.

CONSTRUCTION: soft mixed ground



MPT 06 - Diagonal

Sculpture with excellent traction and stability strengthened. Particularly suitable telescopic trolleys.

- Excellent traction capacity
- Perfect stability
- Very good self-cleaning properties

AGRICULTURE / INDUSTRIAL: All-terrain - mixed surfaces



Tri Steel - Radial

For industrial use requiring greater puncture resistance.

- Reinforced steel frame.
- Extended life
- Puncture protection
- Large footprint so more comfort

INDUSTRIAL: hard and abrasive surfaces



Anti-puncture concentrate

- Prevents and seals punctures instantly with permanent waterproof seal.
- Seals holes in the tyre tread with diameter < 7 mm.
- Reduces travel expenses, costly downtime and puncture repair costs.
- Prolongs service life of tyres.

Concentrate	Can	25 l	787842
For manual injection pump			545580

Inflation:

Tire pressure must be checked regularly and the manufacturer's instructions should always be followed (highway code). It is necessary to follow Manitou's inflation instructions, in order to maintain the maximum performance of the load chart of your machine and also your safety. Tire inflation pressure is responsible for the machine's stability, grip, comfort and performance. Over-inflation causes loss of comfort, wear on the center of the tread and reduced puncture resistance. Under-inflation, however, damages the tire carcass by causing premature wear on the sidewalls, greatly increases fuel consumption and reduces driving accuracy. Tire inflation should always be checked when tires are cold.

Advice

Feel free to ask your MANITOU dealer for advice.



Manitou PNEUMATIC SHAPED SOLID TYRES

Pneumatic shaped solid (PSS) tyres can easily support heavy loads. They are an alternative replacement for pneumatic tyres, in some industrial or semi-industrial material-handling contexts on masted forklifts.

Their advantages

- Excellent stability and traction.
- Longer service life than pneumatic tyres.
- Enhanced security: no risk of punctures.
- High load capacity.
- Excellent thermal performance.
- Good resistance to cuts and tears.

Your MANITOU dealership has selected the best brands for you, with a wide choice of standard, non-marking and anti-static PSS tyres.

It's even easier and quicker to make use of the PSS service on your own site!

Your dealership can offer you a PSS fitting service, on-site or in the workshop. Record times and minimal downtime for your trucks.

A complete service:

- Removal of the pneumatic shaped solid tyres.
- Fitting of tyres.
- Take-back and recycling of your old tyres.

Complete wheels

MANITOU offers the option of ordering complete wheels, and at retail price: casing, wheel rims, etc. Please contact your dealership for advice.



CS 20 +

Strong technological innovation profile, with its double L tread:

- Excellent cornering stability while reducing vibrations.
- Superb handling.
- Very low rolling resistance.
- Low operating costs.

Available in CSEasy rapid fitting system.

Industrial - hard surfaces



CS EASY SC20 +

Innovative and economical:

- Low rolling resistance.
- Low heat development.
- Low energy consumption.
- Operating costs among the lowest on the market.

Easy fitting process: no need for assembly press.

Industrial - hard surfaces



RES 330

For low-intensity industrial use.

- Dynamic and deep profile increases stability.
- Heel reinforced with high-strength steel cables to prevent rotation of the rim.

INDUSTRIAL: hard surfaces



RES 550

For medium intensity industrial use.

- Wide profile and flat footprint increases grip.
- Wide pavers maximizing traction.

INDUSTRIAL: hard surfaces



RES 660

For high intensity industrial use.

- Expanded profile increases the stability of side loads.
- Continuous central crampon reduces vibration and improves comfort.

INDUSTRIAL: hard surfaces



Barum

High quality tyre for moderately intensive applications (1000h).

- Reinforced sidewall for extra protection. Central band of tread for greater linear stability.
- Unusual tread pattern for a comfortable drive and even wear.
- Excellent value for money.

Industrial - hard surfaces