



Lifting Chains

Tyres, Chains & Hydraulic Components

Manitou LIFTING CHAINS

MANITOU offers a range of chains for lifting masts. Carefully selected from among the best manufacturers, our chains are all of superior quality: Long service life and high performance to match the diversity of your applications perfectly.

Performance and quality appreciated by users

Manitou has chosen chains that best meet your operational requirements. The criteria we use to ensure quality and safety are as follows:

- Wear and elongation resistance,
- Resistance to fatigue (progressive breaking of plates) and tensile strength (sudden breakage of plates or pins).
- Corrosion resistance.

Ranges: Series LH, series ASA

- Available in the specific dimensions of each mast and conform to ISO 434, French standard NF-E - 26 -107 and American standard B29.8.
- Poor maintenance of lifting chains causes premature wear. Lubrication and regular checking of chains are essential to ensure proper functioning and prolong service life. Refer to Servicing & Maintenance chapter to find out about the special chain lubricant.
- The regulations require chains to be replaced at 3% elongation, in other words if the chain is 3% longer than its original length.
- Specific chains lubricants and greases have been developed by Manitou. See chapter Service and maintenance.



Chain wear gauge

For each pitch checked, the ruler indicates the number of links identified and allows you to assess the elongation of the chain. For use on leaf chains with 12.7 mm to 44.45 mm pitch.

161583

Hydraulic and Wearing Components

Tyres, Chains & Hydraulic Components



Quick-connect hydraulic couplings

These hydraulic couplings have valves that allow rapid connection.

Quick release coupling male	266089
Quick release coupling female	266090
Plastic plug	261398
Plug female	192039
Hydraulic connector	192040

Quick release coupling male	62843
Quick release coupling female	62844
Plug female	1788
Quick release coupling male	30978
Quick release coupling female	30977
Quick release coupling male	33753
Quick release coupling female	33754



Quick-connect hydraulic couplings

- For high flow gas pipe Ø 21 X 17 mm 3/4 BSP (gas).

These hydraulic quick couplings adapt to take the place of the original connectors. Their capacity to absorb large flow rates allows sizable hydraulic attachments to be accommodated.

Hydraulic coupling female	581794
Hydraulic coupling male	581795

Advice

Check the parts assembled are clean to avoid contamination into your hydraulic system.



Anti-pollution hydraulic rapid couplings

Pipe thread Ø 21 mm / 3/4 BSP (gas).

Connection size particularly used for agricultural machine attachments.

Hydraulic coupling female	582371
Hydraulic coupling male	582372



Anti-pollution hydraulic rapid couplings

Pipe thread Ø 24 mm / 1/2 BSP (gas).

Connection size particularly used for attachments such as mixer buckets.

Hydraulic coupling female	264144
Hydraulic coupling male	261397

Advice

Feel free to ask your MANITOU dealer for advice.



Coupler plate kit

Rapid lever locking and unlocking system using hydraulic attachments.

- High quality materials to extend the service life of the kit: Zinc and nickel couplings and levers, stainless steel nuts and aluminum plate.
- Reduced loss of hydraulic head pressure maintaining a nominal rate of 45L/min for a maximum rate of 90L/min.
- Max working pressure: 330 Bars.

Specifically for MLT 634 / MLT 735.	895886
Protector for moving coupler on attachment	895973
Moving coupler for attachment	895887
Protector for fixed coupler on machine	895972



Quick coupler kit Ø 16 mm

Consists of a quick release coupling male, a quick release coupling female, a female plug, and a connection.

662272



Easy connect system (ECS)

Operating principle:

- Changing attachments is a repetitive and tedious procedure: while the residual pressure in the system is not released, it is easy to disconnect, but impossible to reconnect a tool.
- Thanks to the ECS, the driver gets out of the machine with the engine running and stands level with the attachment carrier. After activating the protected control and using the independent solenoid valves directed to return to the tank, the driver releases the pressure of the hydraulic circuit of the attachments. The Hydraulic couplings can then be disconnected and a new attachment connected.

Customer benefits:

- Saves time... the operator can reduce hydraulic pressure with just one click of the accessory line.
- Rapid change of attachments.
- Increased safety... the operator eliminates the risk of injury and oil discharge during the procedure.
- Increased profitability... service life of couplings is prolonged, hydraulic pollution is reduced and the starter is saved from wear, as the operator does not have to stop the engine.
- Numerous models available in the MANITOU range. Your dealer will advise you on the kit most suitable for your machine model.



Hydraulic locks for attachments on the TS with quick couplings

Easy to use, allows a hydraulic attachment to be connected to a simple carrier and quick movement from one attachment to another.

List of the appropriate model to your machine type : see your Manitou dealer.



Mach II connector

- Connects two hydraulic lines with a simple tilt of a lever and rapidly connects a hydraulic attachment.
- Protects couplings from dust and shocks.
- Secures the hydraulic connection.

Contact your dealer to know the available part for your machine type.



Attachment connector

661796



Flat belt - 8 ridges

Alternator belt for John Deere 4045 engines (St3B and St4).

796760



Flat belt - 8 ridges

Flat belt for NewAg machine (Deutz St4 engine)
Drive belt of the alternator and the water pump.

942574



Toothed V-belt

Alternator belt for Perkins 1104D engine.

291467

Advice

Recommendation: Consult your dealer for advice on the correct belt for your engine.