

MINING SOLUTIONS



Discover
our solutions
in pictures

 **MANITOU**
HANDLING YOUR WORLD

MINING
SOLUTIONS

LONG-TERM PARTNER FOR A DEMANDING WORLD

For over 20 years, we have understood the industrial safety, productivity and service issues that you have to deal with in mining; from the construction of the mine to operation support and infrastructure / equipment maintenance.

Manitou decided to create a dedicated team that designs and produces mining utility vehicles: a direct response to users' need for a safe, robust handling & personnel lifting solution.

These products integrate a series of Factory redesigned features to suit Mining specific harsh environments and applications.

Our network of 900 expert dealers provides you with services essential to your business, including aftersales support, maintenance, training and financing.

With capacities from 0.5 to 33 tons (t) and lift heights from 4 to 43 meters (m), Manitou Group has the solution to all your material handling needs.





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CONSTRUCTION

Do you want to build in the best conditions?

To improve your return on investment, you constantly need to build your infrastructures in shorter times and often in harsh mining environments.

With precise handling and positioning of heavy, bulky loads, preparing the soil, you make no compromise with safety.





Safety

- ° Advanced equipment (standard or optional): safety stability devices, ROPS / FOPS cabins, on-board weighing, rearview and pedestrian detection cameras, attachment recognition and more
- ° Panoramic 360° vision and ergonomic cab comfort
- ° Customized machine operation and attachment training
- ° Fail-safe braking and emergency steering

Performance

- ° Movement speed and fast cycle times for a quick return on your investment or rental
- ° Precision execution made possible with hydrostatic machines, proportional controls and remote control
- ° Dedicated attachments such as forks, buckets, jibs, winches etc.

Select from our solutions, the machines and accessories that best suit your needs from Manitou group: all-terrain masted forklift 1.8 to 7 t, rotating telescopic forklifts (lifting height up to 35 m), backhoes and more.

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STORAGE AND WAREHOUSING

**Responding
to the needs
of your team
is essential.**

Loading and unloading, placing and removal of material safely, storing goods (crusher spare parts, cylinders or tyres), stacking and placing in warehouses are the most important operations to support mining activities.

A global material handling offer

- From the manual and electrical pallet trucks to the mast fork lift through to the truck mounted forklift and the order picker
- High manoeuvrability & stability
- Semi-industrial forklifts: perfectly adapted to both indoor and outdoor operations with an excellent rough terrain capability.





Simple for daily handling

Designed for any type of ground, easy to maintain, easy to use, ergonomic.

If you want more versatility, select from these quick change attachments: forks, jib with hook, drum handler...

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SURFACE MINING

Want to optimize your infrastructure and fleet maintenance?

Essential for the productivity of your operations; the inspection and maintenance of your sites is a priority. The regular replacement of wheels, cylinders, engines, hydraulic pumps or track rollers through to the daily maintenance of buildings, you need multitasking equipment that can be used in all situations.





Safety

- Fail-safe braking system
- Emergency steering
- External emergency stop
- Protection of critical components (engine, steering, transmission and hydraulics)
- Guardian angel mining system (continuous monitoring of machine parameters)



Cost efficiency

- Perform your equipment maintenance in site
- Diversify your return on investments through multiple attachment solutions
- Optimize production equipment uptime
- Improves your maintenance fleet management by decreasing the number of machines
- Enhances maintenance schedule flexibility

The Manitou Group range of machines and accessories meets your specific maintenance needs: heavy load telehandlers from 9 to 33 t, attachments: tyre and cylinder handlers, cable reel handlers, jibs and winch access platforms for safe handling...

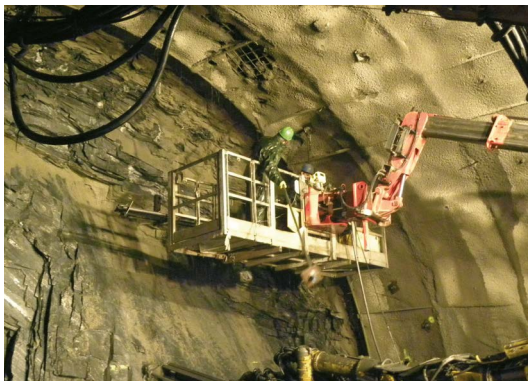
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UNDERGROUND MINING

Looking for efficient solutions your infrastructure maintenance?

"You use your material handling tools on a daily basis for your site operations: delivering consumables, drill rods, roof bolts, drilling and grouting operations, installing hanging ventilation fans and ducts... and most of the time in wet and dusty conditions."

This is why you want to rely on your handling equipment and avoid downtime in your operations.





Productivity

- Diversify your return on investments through multiple attachment solutions
- Identical and easy maintenance whatever the model range: engine access, diagnostic systems...
- Quick and easy attachment changes.

Manitou Group offers a wide range of machines that meet the challenges of the daily operations of your site: from the all-purpose masted forklift and skid loader to the compact telehandler.



Safety

- Personnel cabin window guards
- Fail-safe braking system
- Emergency steering
- Led working lights
- SMART lights safety system
- Exhaust fumes purification & dilution system
- Flameproof (depending on the countries homologation requirements)

OUR TAILOR-MADE SOLUTIONS



General protection

- Guards (cabine, windows, lights)
- Exhaust fumes purifier and diluter system
- Hydraulic hose sleeve burst protection
- Emergency stop bumpers

Ergonomie, access, visibilité

- 360° camera system
- LED lights
- SMART lights safety sytem
- Warnings, danger, visibility decals
- Reflective stripes



Electrical protection

- Fuse board protection system
- Resettable fuses
- Wiring protection system
- Battery starter cut off



Fire prevention & control

- Fire suppression system & fire extinguishers
- Turbo, exhaust line/muffler insulation & guards
- Engine compartment fire prevention system



Control systems & warnings

- Guardian angel monitoring system
- Oil pressure / engine coolant temp. monitoring
- Load state monitoring system
- Pre-start horn alarm
- External emergency stops



Fail-safe braking & steering

- Mining fail safe-braking system
- Daily brake test system
- Emergency steering



Mining tyres

- Loose wheel nut indicators



Lifting people

The MT-x 1033 A and the MHT (X) ranges offer predisposition to equip your telehandler with a remote controlled work platform



SELECTIONS OF ATTACHMENTS

Manitou telehandlers are truly adaptable tool carriers, as the specially designed attachments can easily be added depending on your needs. We have a range of Manitou approved attachments that are fully compatible with our machines.

A quick and easy coupling system

In order to save you time, the coupling system for Manitou attachments (TS: simple fork carriage with manual or hydraulic locking) is reliable, quick and easy to use. Attach and detach attachments with ease.



3-hook jib - P

3 offsets, 3 capacities, for maximum versatility when handling suspended loads.



Tyre clamps - TH

These clamps are designed for handling and fitting tyres or wheels to all types of mining vehicles in complete safety. Capacity: up to 12,000 kg.



Cylinder clamps - CH4

3 wires hold the cylinder for maximum precision and safety. Suitable for: rear struts, front struts, dumping cylinder, boom cylinders, accumulators, transmission shaft, tilting cylinders and steering cylinders. Capacity: up to 4,000 kg.



Cylinder clamps - CH10

Hydraulic pressure secures the cylinder. Operating for cylinders from 230mm (9.05") to 640mm (25.2") OD. Capacity: up to 10,500 kg.



Hydraulic winch

This winch lets you transform your MHT-X into a real crane on wheels, increasing profitability. Capacities available: 9,000 to 22,000 kg.



Gallery platform

This platform is fitted with a FOPS-certified roof for optimal personal protection.

Bucket designed for materials with a density of up to 2,000 kg/m³ maximum.



Platform winch

The perfect tool for maintenance of industrial facilities, the platform and winch combination ensures safe elevation of personnel while allowing suspended loads to be lifted and handled directly from the platform without returning to the ground. Up to 450 kg winch capacity including a maximum of 3 people.



Tube clamp - PH

Designed for handling tubes, both where they are stored and where they are used.



Floating fork carriage - TFF

As standard on all of our MHT-s, MT-s, this attachment allows handling of palletised loads, 20" containers, etc.



Hydraulic floating fork positioner

The distance between the forks can be adjusted hydraulically directly from the cab, for quick and easy adaptation to all pallet dimensions. Lateral movement is available as an option for increased efficiency.



Jib-hook - PC

A simple and effective tool for handling suspended loads, it maintains the nominal capacity of the MHT-Xs.



Mining platform

This ultra-strong platform, which is perfect for mining operations and other demanding applications, can withstand impacts of 3,000 kg. Capacity: 1,200 kg including 3 people



Discover all
our attachments on
manitou.com



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OUR MINING SOLUTIONS

MT-X 733

7 m / 3.3 t

MT-X 1033 ST MINING

MT-X 1033 ST ACCESS MINING

10 m / 3.3 t



Click on one
of these QR codes to get
technical data

MT 625 HA MINING

6 m / 2.5 t



MHT-(X) 790 MINING

7 m / 9.0 t

MHT-(X) 11250 MINING

11 m / 25 t



MINING
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SAFETY - SUPPORT TOTAL COST OF OWNERSHIP*

Improve working conditions, safety and performance around the world while preserving people and their environment. Focus on your core business and count on us to help you secure your daily operations.

Expertise and service on a daily basis

Whether it be excavators, electric shovels, draglines, off highway trucks, blast drill rigs or wheel loaders, our teams ensure safe and effective delivery of service and maintenance tasks to maximise the efficiency of your people and machines.

Maintenance and repair

Minimize downtime, get expert advice and trust qualified professionals to maintain and repair your equipment.

To reduce your TCO*

As cost control is a major concern for you, our engineering teams have developed solutions to reduce the total cost of ownership of your machines.



Dealer network

A network of experts at your service, wherever you are.



Service contracts

3 levels of contracts that provide maintenance anywhere in the world.

Entrust the maintenance of your equipment to your dealer.



Customized Financing

Buy or lease? Everything is included for the life of your equipment, with no hidden costs and a single point of contact.



Original spare parts

Guaranteed performance and reliability.
Ask for original spare parts and maximize
the life of your machine and its resale price.



Training

Learning to handle the machine
and its accessories with a Manitou expert
in his working environment ensures
the productivity and performance of the solution
while guaranteeing the safety of the operator
and the site teams.



Warranty extension

Protect your business from unexpected
and out-of-budget expenses. Get full coverage
for parts and labor for up to 6 years or €6,000.



Connected machines

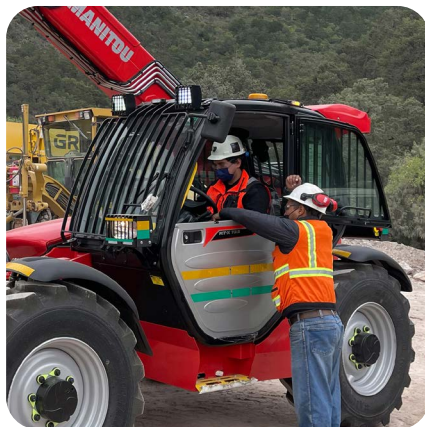
This fleet management solution
gives you real-time access to your machines'
technical information from anywhere at any time.
Secure your machine with an access control
keypad. Safety first!



All machine information

What could be easier than scanning
a QR code to find the standard documentation
of my machine in my favorite language?





"When they told us, they are going to give the Manitou grab, my life changed.

From the first day, I started my task with this machine, within less than 2 hours, you are finished with your task".



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Our customer are our best
ambassadors



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