

DEFENCE SOLUTIONS

To serve the armed forces



Discover
our solutions
in pictures

 **MANITOU**
HANDLING YOUR WORLD

DEFENCE
SOLUTIONS

THE BEST ALLY OF ARMED FORCES LAND, SEA & AIR

For over 40 years, Manitou Group has provided material handling solutions to the defence and security main players, meeting the needs of:

- Military logistics
- Aeronautical maintenance
- Construction and maintenance
- Storage and warehousing.

The group researches, designs, and manufactures a wide range of dedicated electric and combustion engine machines well known for their reliability, performance and robustness. They prove themselves day after day in the most extreme working conditions.

Our network of 800 expert dealers provides you with services essential to your field operations. These dedicated professionals provide the training, after-sales support and the maintenance of your machines.

Manitou Group has the solution to all your material handling needs.





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MILITARY LOGISTICS

**Are you looking for
logistics solutions
meeting international
operation requirements?**

Our range of all-terrain machines
meets your handling needs in the
theatre of operations. Manitou
offers you compact, versatile,
air transportable solutions with
unrivalled crossing capabilities.





Manitou Robustness and reliability

- **Rough terrain leader:** unrivalled ground clearance in extreme conditions
- **World-renowned quality components, protection of critical components**
- **Ease of maintenance**
- **Availability of spare parts**



Work efficiently and in complete safety

- Simultaneous and precise hydraulic movements
- **Shielding**
- **Operator training**
- NATO codification

Masted forklifts available in either **electric** or **internal combustion engine** with a lifting capacity of 1.5 to 10 t, **telehandlers** with a lifting capacity of 2.5 to 35 t and attachments: carriage and forks with side shift, fork positioners, jibs, winches, etc.

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AERONAUTICAL MAINTENANCE

Gain fluency in working

Manitou offers you a range of unique solutions which combines personnel lifting and material handling. It meets the specific needs of military and civil aviation to increase machine utilization and make operations safer.





Precision and flexibility

- Proportional lifting and lowering
- Video camera (x4) to increase visibility
- Aerial jib for telehandlers and MEWPs up to **300 kg lifting capacity**
- Adjustable basket (3D system) to get around obstacles smoothly



Personnel and aircraft safety

- Machine **stability** and **rigidity**
- Driving assistance system via **ultrasonic sensors** avoiding risk of collision with aircraft
- **E-xtra generator**: extend the machine's autonomy on a site without electricity

Large range of **MEWPs** and **telehandlers** as well as **advanced equipments upon request**: attachment recognition, electrical and pneumatic supply in the basket and more.

CONSTRUCTION & MAINTENANCE

**Do you want to build
in the quickest
possible time
under the best conditions?**

Building infrastructures, preparing groundworks, loading material and leveling ground are part of your daily routine. Whatever the country or the environment you deal with, you expect reliable & versatile equipment.





Manitou Versatility

- Hundreds of **attachments** are available for your needs: buckets, concrete mixing buckets, baskets, forks, winches, pickup sweeper brushes, high pressure cleaners
- MRT (rotating telehandler) range, a **3 in 1 machine**: both crane, telescopic handler and man elevating platform

Choose the solution - the machines and attachments of Manitou Group that are best suited for your needs: **compact loaders**, **rough terrain masted forklifts** from 2.5 to 7 t lifting capacity, **rotating telehandler** (lifting height 32m), **aerial work platforms**, **articulated platforms**, **scissor lifts**, etc.



Ease of use

- **Fast and intuitive use**: JSM® (Joystick Switch & Move) is exclusive to Manitou ergonomic controlling of all movements with one hand
- **Easy maintenance for all machines**: engine accessibility, diagnosis and serviceability
- **Quick and easy** attachment change

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STORAGE & WAREHOUSING

Responding to the needs of your team is essential.

Loading and unloading, placing and removal of material safely, storing goods, stacking and placing in warehouses and preparing shipments are vital operations to support forces on the ground.



Simple for daily handling

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

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



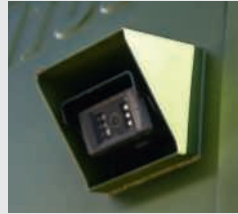


A global material handling offer

- From the **manual and electrical pallet trucks** to the **masted forklift** through to the **truck mounted forklift** and the **order picker**
- High **manoeuvrability & stability**
- Semi-industrial forklifts: good **gradeability** for indoor and outdoor operations

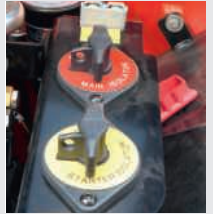
SOLUTIONS DEVELOPPED FOR DEFENCE

Manufactured in our production units, they meet your handling needs in the operating field. They are compact, versatile and transportable (air, sea, road and rail).



Ergonomics, access, visibility

- camera system
- LED lights
- easy access to the cab
- panoramic mirror



Electrical / thermal protection

- starter battery cut-off
- exhaust protection



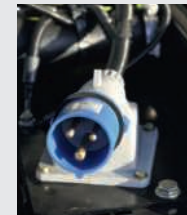
Adaptation for overseas operations

- lashing and slinging rings in accordance with military standards (STANAG, MIL-STD, DEF-AUST...)
- blackout
- towing hook
- personal weapon mount in cabin
- removable external tool box



Control and warning system

- load status monitoring system
- weighing device



Starting aid

- independent heater / engine block / oil
- external starter socket + 24V
- reinforced battery



General protection

- armoured cabin
- protective grids (cab, windows, working lights)
- exhaust gas purifier and dilution system



Fire prevention and control

- fire extinguishers
- insulation and protection of the turbo, exhaust pipe/silencer



Painting

- sand, army green, camouflage
- high resistance
- option : infrared, UV resistance



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.



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.



Fast opening platform

Extendable aerial platform designed to accommodate 3 operators in optimal safety conditions. It is equipped with an overload sensor and a non-slip metal floor. The working area can be enlarged at convenience from 2.25m to 4.4m, with a capacity from 365kg to 1000kg.



Heavy duty hydraulic winch

This winch lets you transform your MHTs into a real crane on wheels, increasing profitability. Capacities available: from 3 to 25t.



Platform winch

The perfect tool for maintenance of industrial facilities and objects, the platform and winch combination ensures safe elevation of people while allowing suspended loads to be lifted and handled directly from the platform without returning to the ground.



Basket for material

A cost-effective solution for moving materials safely in all types of applications, environments and weather conditions



Re-handling bucket - CBR

Ideal tool for handling sand, soil or gravel.



Sweeper

High performance cleaning solution for non-intensive applications. Available with an optional 120 litre water sprayer.



Roller slippers

Flexible accessory for pallet handling.

Custom-made

Do you have specific needs or special applications? Thanks to the experience and skills of the Special Solutions department, Manitou is able to offer customised attachments and machines that comply with the most detailed specifications.

Can we help with anything?
Feel free to contact us!



Beach matting layer

Solution for the passage of military convoys on all types of terrain: sand, snow, mud, gravel.



Discover all
our attachments on
manitou.com

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OUR SOLUTIONS FOR DEFENCE

For a year-round defence solution,
Manitou offers a wide range of products
and services to suit all your needs.

200 ATJ

20 m
Electric & thermal

170 AETJ

17 m

Electric

150 AETJ

15 m

Electric

90 V'AIR

9m

M 70

7 t

M 50

5 t

M 30

3 t

MC 30

5,5 m / 3 t

MC 25

5,5 m / 2,5 t

MT 1440 HA

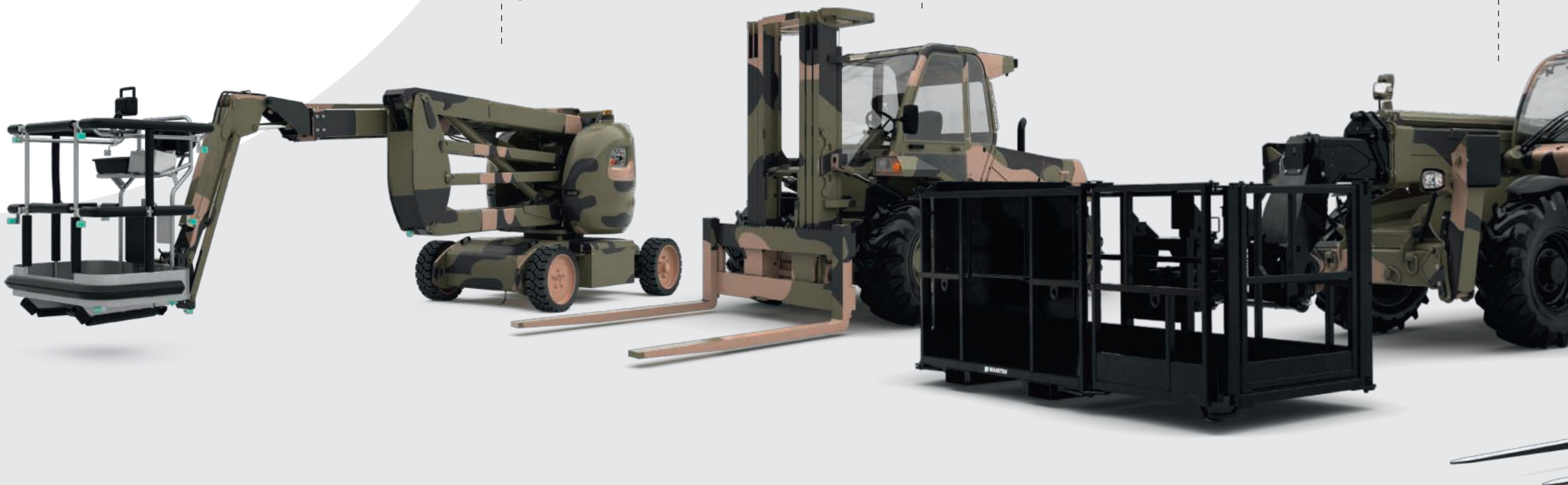
14 m / 4 t

MT 625

6 m / 2,5 t

MLT 961

9 m / 6,1 t



Click on
this QR code to get
technical data

MRT 2260

22 m / 6 t

MRT 2660

26 m / 6 t

MHT 10130

10 m / 13 t

MHT 11250

11 m / 25 t

MHT 10200

10 m / 20 t

MHT 10135

10 m / 13,5 t

MHT 790

7 m / 9 t



DEFENCE
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OUR SUPPORT TO YOUR OPERATIONAL COMMITMENTS

The Manitou network operates in more than 140 countries. In total, we employ more than 2,000 expert technicians, specially trained in Manitou technology, who are at your service to assist with everything from purchasing to after-sales.

Expertise and operational support on a daily basis

Your Manitou dealer guarantees a complete range of services at all stages of your machine's life and is there to provide support and meet your needs, always looking to provide you with the best solution.



Dealership network

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



Maintenance contracts

3 levels of contracts that provide
maintenance anywhere in the world.
Entrust the maintenance of your
equipment to your dealer.



Warranty extension

The warranty extension is for all
Manitou vehicles. Use your equip-
ment with peace of mind.



Personalised documentation package

Personalised Operating-, Maintenance- and Repair Manual reflecting all modifications on your specific machine



The connected solution

Easy Manager is a simple and flexible tool for managing, optimizing and securing the operational monitoring of your machines.



Original spare parts

With more than 70,000 references available, your Manitou dealer provides expertise and service on a daily basis!



Financing

To hire or to purchase? Whatever your choice, simplify your investment with Manitou Finance financing or leasing solutions.



NSN-Codification

Assistance with NSN-Codification for parts, components and machines



Training

In our training centre or on your premises, we train your employees and operators to make optimal use of our solutions.





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«We want a robust equipment with sufficient technology adapted to our operational needs. Predictive maintenance means maintaining at the right time to avoid breakdowns: the availability of parts is essential»



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This publication describes the versions and configuration possibilities of Manitou products which may differ in equipment. The equipment shown in this brochure may be standard, optional or not available depending on the version. Manitou reserves the right to change the specifications described and shown at any time without notice. The specifications shown are not binding on the manufacturer. For more details, contact your Manitou dealer. Non contractual document. The logos and visuals of the company are the property of Manitou and may not be used without permission. All rights reserved. The photos and diagrams contained in this brochure are provided for reference purposes only.

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