



Handling your world Founded over 60 year to the control of the con

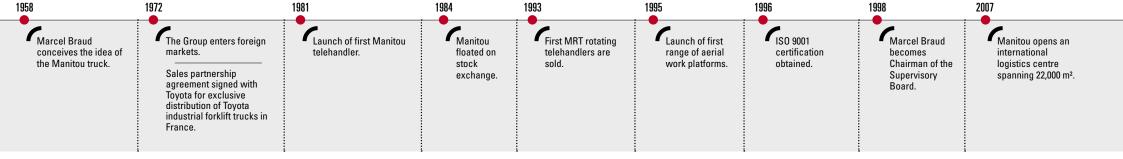
Founded over 60 years ago by the Braud family, the Manitou Group now operates worldwide. A world leader in rough-terrain material handling, the Group designs, manufactures, distributes and services equipment for construction, agriculture and industries.

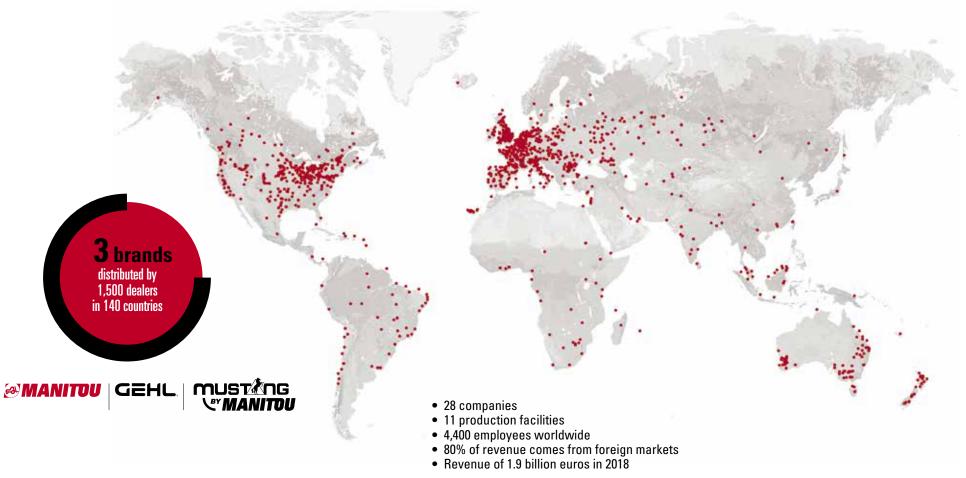
The Group's product ranges include: rough-terrain fixed, rotating and heavy-load telehandlers; articulated loaders, rough-terrain, semi-industrial and industrial masted forklift trucks; wheel or track skid-steer loaders; backhoe loaders; aerial work platforms; truck-mounted forklifts; warehousing equipment; and attachments.

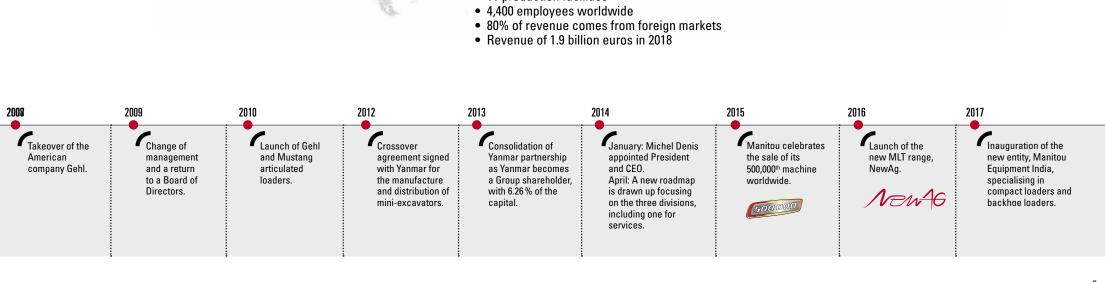
Through its iconic brands – Manitou, Gehl and Mustang by Manitou – and its worldwide network of 1,500 dealers, the Group offers the best solutions to create optimum value for its customers.

With its registered office in France, the group recorded revenue of 1.9 billion euros in 140 countries and employs 4,400 people, all committed to delivering customer satisfaction.

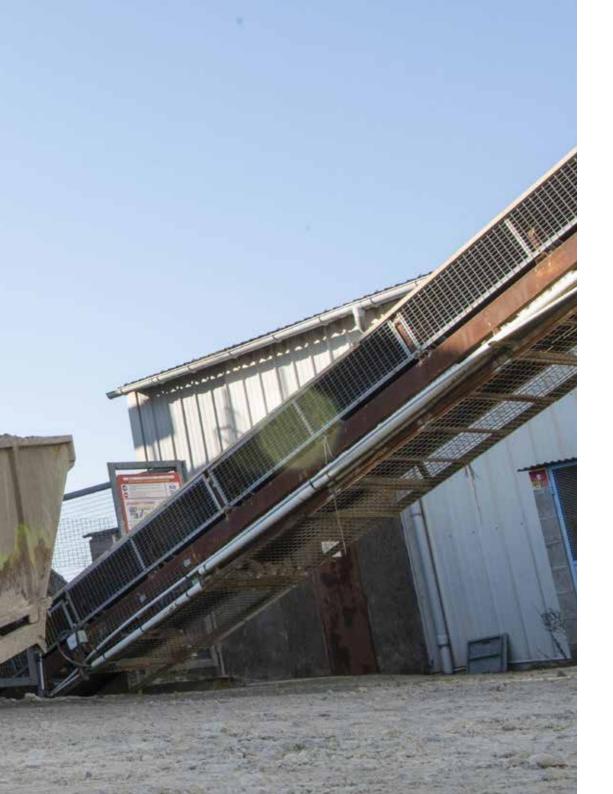












Manitou semi-industrial forklifts (MSI)

The Manitou Group is spearheading the design of the first semi-industrial forklift. The brand has been able to develop and produce an unrivalled range of solutions.

MSIs are specifically designed to meet the needs of those customers with certain handling constraints:

- non-stabilised or degraded soil,
- long or bulky loads,
- a need for regulated working power or high precision when driving and approaching.

In a difficult environment and/or with specific loads to handle, the MSI is the best solution in terms of total cost of use compared to a traditional industrial forklift truck.

PRODUCTIVITY

Versatile machines

Drive your truck easily regardless of the nature of the terrain. The design of large wheels at the front combined with hydrostatic transmission confer high versatility to MSI.

With a capacity of 2.5 to 5 tons, the MSI is particularly easy and flexible to use; its stability and versatility bring comfort to operate both in warehouses and outdoor storage facilities, stabilised or not.



Hydrostatic wheel drive

transmission

Lifting capacity from

2.5 to 5 tons

Productivity & manoeuvrability

Thanks to MSIs' high-performance slope negociation ability (24 cm ground clearance and gradeability over 35%), you can optimise handling in all your storage areas.

The ergonomics of the driver's cab and the manoeuvrability of the truck save you precious time.

The power of the engine combined with hydrostatic transmission enables a millimetre-accurate approach thereby offering you more precision.







Handle with ease in tight spaces!
The steering axle offers a very short turning radius. This feature, along with the compactness of the truck, affords you exceptional mobility.

RELIABILITY

Robust truck & clearance

The monobloc chassis as well as the components have been designed for exceptional durability.

The masts are designed and manufactured by Manitou. They have been specially designed to meet the toughest of work requirements.

A high-precision machine

Handle your loads as precisely as if you were doing so manually. The hydrostatic transmission provides very high accuracy, in complete safety. It also ensures a very smooth driving experience, even on unprepared ground, and double dynamic braking.





Levers

Close to the seat, the cross levers (standard) combine the functions of lifting, lowering and tilting the mast.

MSIs have an automatic acceleration system for lifting the mast, independent of the translation.

As an option, MSIs can be equipped with a JSM.*
That way you control all of the machine's hydraulic functions – all in the palm of your hand!

* Joystick switch movements



Stability

The stability of MSI trucks, optimised by the track width / wheelbase ratio, allows you to handle long loads or several pallets at once, in complete safety – a feature strengthened by the rear tilt of the mast (10°-12°) combined with the truck's very low centre of gravity.

COMFORT

Access convenience

Do you climb in and out of your machine several times a day?

Manitou has redesigned the layout of the transmission and the pedals to optimize ground clearance whilst facilitating accessibility.

Available in versions 2.5 to 3.5 T.





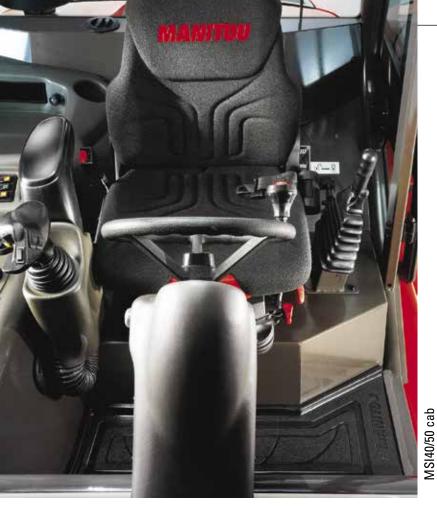
Machines that are easy to use and maintain

For maintenance, components can be accessed behind the seat.

Being able to access the entire engine compartment facilitates maintenance operations, reduces intervention time and therefore reduces the cost of maintaining the equipment.







User comfort

Work more comfortably with the MSI series.

Noise is the main contributor to fatigue among forklift drivers. That's why the driver's cab in an MSI is isolated from noise, heat and vibrations. MSI are the only machines on the market with a seat in front of the engine.

Keep control of your handling while driving, even on rough terrain.

The single joystick (JSM) and its intuitive ergonomics make it possible to concentrate all the commands: lifting, lowering and tilting the mast as well as reversing shift in your right hand.

As standard, the machine is equipped with:

- an adjustable suspension seat,
- an adjustable steering column.

With the closed cab (optional):

- heating
- air conditioning
- fabric seat







Optimal visibility

Nothing escapes your vigilance.
MSIs are equipped with a "total visibility"
panoramic roof. The operator will therefore
benefit from an optimal view, particularly
when handling loads high up.

Low visibility has been studied in particular, resulting in a reworked dashboard that contributes to constant visibility of the tip of the forks.

Safety first.





Sawmills, paper and beverage industries, industrial waste and auto recycling, manufacturing and distribution of materials on pallets or in bulk, port operations, etc.

Even on degraded soil

Versatile machines

According to your activity, Manitou has models perfectly suited to your needs.

The high capacity, combined with the reliability and engine power of MSIs, facilitates the handling of loads: raw materials, construction wood and materials.

MSIs are also offered in buggy version (overall height of the machine lower than 2 m), ideal for moving in height-restricted spaces like containers.







Selection of options and attachments

Tyres

The choice of your tyres is crucial for the performance and total cost of ownership of your machines. Select your mount from a wide range!

Low pressure tyres absorb shocks caused by crossing pavements, potholes, etc., ensure perfect grip on slippery ground and reduce your machine's impact on the ground.

Industrial or mixed mounts, with or without (tubeless) an inner tube, enable the performance of your MSI to be optimised under ground constraints, regardless of whether the ground is stabilised.





The chassis design allows the chains to pass through and ensures optimum traction in extreme conditions.

1



Fork positioner Waste clamp

Attachments

Various attachments are available to meet your different application needs:

- side-shift carriage,
- · fork positioner,
- · bale, waste clamp,
- bucket,
- mono-multi forks,
- handlers,
- big bag, etc.

Note: These attachments require 3 or 4 hydraulic movements so allow for levers and distributors fitted up to the attachment mounting system when placing your order.



Tilting forks carriage

Unique solution on the market for 2.5 to 3.5 ton MSIs equipped with a full visibility duplex mast. With the tilting forks carriage, it's possible to change attachments ultra fast and without the need to get out from the cab (hydraulic locking optional).

The working and hygiene conditions are optimal for the operator.

Also available in bucket version. The 66° tilt angle of the forks carriage makes it easier to fill and dump materials with great precision.







Specific solutions

to respond to your specific needs:

- Custom painting
- Specific attachment or equipment
 - Additional sensors
 - Safety cameras, etc.





		MSI 25	MSI 30	MSI 35	MSI 40	MSI 50
	Full Visibility Duplex (FVD) Mast	S	S	S	S	S
MASTS	Free Lift Triplex (FLT) Mast	0	0	0	0	0
	Full Visibility Triplex (FVT) mast	0	-	-	-	-
	Sideshift carriage	0	0	0	0	0
ATTACHMENTS	Load backrest	0	0	0	0	0
AI IAUNIVIENTS	Double side-shift carriage	-	-	-	0	0
	Fork positioner	0	0	0	0	0
	Quick hydraulic couplers	0	0	0	0	0
HIVED ALILIOO IVITO	JSM 3 hydraulic functions	0	0	0	0	0
HYDRAULICS KITS AND DISTRIBUTORS	JSM 4 hydraulic functions	0	0	0	0	0
AND DISTRIBUTORS	Levers 3 hydraulic functions	S	S	S	S	S
	Levers 4 hydraulic functions	0	0	0	0	0
	Tuner / USB / Bluetooth radio	0	0	0	0	0
	Complete cab	0	0	0	S	S
	Overhead guard without Front & Rear glass panel	S	S	S	-	-
	Open cab	0	0	0	-	-
	Buggy (low height) overhead guard & cab	0	0	0	-	-
	Heating	0	0	0	-	-
	Air-conditioning	0	0	0	0	0
CAB/COMFORT	Panoramic roof	S	S	S	-	-
GAD/ GUIVIFUNI	Adjustable steering column	S	S	S	S	S
	Front and rear windscreen wiper & front windshielf washer	0	0	0	S	S
	Windscreen wiper on roof window	-	-	-	S	S
	Sun visor on glass roof	0	0	0	S	S
	Document holder	0	0	0	0	0
	Plastic mechanical seat	S	S	S	S	S
	Plastic air-suspended seat	0	0	0	-	-
	Fabric air-suspended seat	0	0	0	0	0



		MSI 25	MSI 30	MSI 35	MSI 40	MSI 50
	Complete road lighting (front and rear)	0	0	0	0	0
LIGHTS	LED rotating beacon	0	0	0	0	0
	LED front/rear right and left working lights	0	0	0	0	0
	Safety belt	S	S	S	S	S
	Self-cleaning pre-filter	0	0	0	0	0
	Cyclonic pre-filter	0	0	0	0	0
	Balancing valve on tilting cylinder	0	0	0	0	0
	Battery cut off	S	S	S	0	0
SAFETY	Audio warning in reverse	0	0	0	0	0
	Fuel tank tacting cap	0	0	0	-	-
	Emergency stop button	S	S	S	-	-
	Anti-theft predisposition	0	0	0	S	S
	External right & left rear-view mirror	0	0	0	S	S
	Internal rear-view mirror	S	S	S	0	0
	Shock absorber	0	0	0	S	S
DDODLIOTIV/TV	Differential lock	-	-	-	S	S
PRODUCTIVITY	Hydraulic inching function	S	S	S	S	S
	Lifting acceleration	S	S	S	-	-
TVDEC	Spare wheel	0	0	0	0	0
TYRES	Tyre foam inflation	-	-	-	0	0
	Front fender flares extensions (metal)	0	0	0	0	0
	Rear fender flares extensions (metal)	0	0	0	0	0
MISCELLANEOUS	Special colour paint	0	0	0	0	0
	Cold environment fuel	0	0	0	-	-
	Connected solution	S	S	S	S	S





MSI 25

Capacity	kg (lbs)
Engine power	kW (HP)
Max. lifting height	m (ft)
Centre of gravity	mm (ft)
Carriage class	
Dimensions from (L x W x H) (1)	m (ft)
Aisle width from	m (ft)
Turning radius from	m (ft)

2500 (5500)
36 (48.3)
7 (23')
500 (1'08")
FEM 2A
3.04 x 1.33 x 2.09 (10' x 4'04" x 6'1")
4.59 (15'01")
2.62 (8′07″)

MSI 30

3000 (6600)
36 (48.3)
7 (23')
500 (1'08")
FEM 3A
3.08 x 1.33 x 2.09 (10'01" x 4'04" x 6'1")
4.63 (15'02")
2.65 (8'08")

MSI 35

3500 (7700)
36 (48.3)
7 (23')
500 (1'08")
FEM 3A
3.13 x 1.33 x 2.09 (10'03" x 4'04" x 6'1")
4.66 (15'03")
2.68 (8′1″)
2.00 (0 1 /

⁽¹⁾ Height of driver protection in cab version 1.99 m.



MSI 40

4000 (8800)

55 (73.8)

6 (19'08")

500 (1'08")

FEM 3A

3.29 x 1.73 x 2.06 (10'1" x 5'08" x 8')

4.76 (15'07")

2.87 (9'05")

MSI 50

5000 (11000)

55 (73.8)

6 (19'80")

600 (2')

FEM 4A

3.38 x 1.73 x 2.44 (11'01" x 5'08" x 8')

5.04 (16'06")

2.95 (9'08")

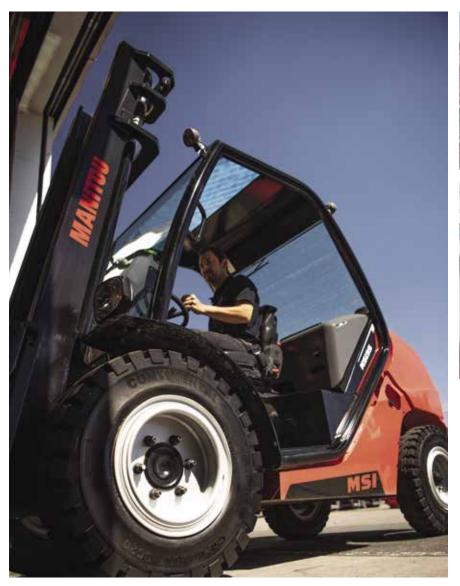






Manitou is here to help!

To enable you to benefit from an operational forklift all year long, Manitou offers a wide range of products and services that are suited to all your needs.







1,500 dealers at your service

The Manitou network is present in more than 140 countries. In total, there are more than 8.000 expert technicians who are specially trained in Manitou technology and who are at your service to assist with purchasing or after-sales.

Daily expertise and service

Your MANITOU dealer can guarantee 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, whatever your field (agriculture, construction, industry).

Maintenance contracts

Three levels of contract that are tailored to your needs: Initial, Advanced and Excellence. Entrust the maintenance of your equipment to your dealer.

Financing

Hire or purchase? Whatever your business, simplify your investment with Manitou Finance financing or leasing solutions.

Warranty extension

With Maniplus, you can extend the cover of your Manitou for up to five years. Use your equipment with peace of mind.

The connected solution

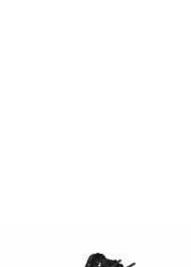
Easy MANAGER is a simple and flexible tool for managing, optimising and securing the operational monitoring of your machines.

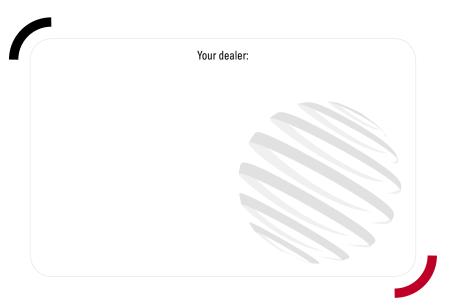
Second-hand products

In the market for second-hand equipment? The Manitou network is here to help. Just visit your dealer or used.manitou.com, our reference site for second-hand Manitou machines.

Original spare parts

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







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