

RANGE **MI**



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 **MANITOU**
HANDLING YOUR WORLD

Service above all

Our Manitou dealer network supports you on a daily basis to ensure that your forklift is functional all year round, thanks to a wide range of services and handling solutions.

- **A local network**

A network of 1,050 expert dealers around the world at your service.

- **Quick and easy maintenance**

Accessibility to maintenance elements, consumables (filters...) common to all trucks...

- **Peace of mind guaranteed**

With maintenance contracts and warranty extensions, extend your Manitou's coverage up to 5 years and entrust the maintenance of your equipment to our expert technicians.

- **Reduced downtime**

With over 70,000 reference parts in stock, keep your machine downtime to a minimum!

- **Financing**

Manitou Finance helps you choose the financing solution best suited to your use and your business.

Connectivity

With our Easy Manager* solution, you can monitor your equipment in real time and schedule your next maintenance sessions... a simple tool to manage and secure your machines.



Range of attachments

Several accessories are available to meet your performance needs and applications, while taking into account your need for flexibility with our attachments.

Sideshift carriage

Control the position of the carriage to facilitate load placement.



Fork Positioner

Adjust your fork spacing without leaving the operator's compartment.



Other attachments

Clamps, rotating carriages, pushpulls... Whatever the load to be handled, we can offer you the right attachment.



Reliability at the service of performance

Throughout the project, we integrate your total cost of ownership.

- **Known and recognized components**

Our forklifts are equipped with Stage V Kubota, Deutz and GCT engines, recognized on the industrial market for their performance and common to many Manitou machines.

- **Optimized lifting**

The hydraulic pump is optimized to ensure lifting speeds among the best on the market, and high hydraulic flow rates to facilitate the use of your attachment.

- **Easy to service**

Quick and clear access to essential parts. Our components and consumables have an optimized lifespan to reduce the time allocated to maintenance.



Different types of masts for different needs

Select the ideal mast taking into account your operational constraints and dimensions.

- **Full Visibility Duplex (FVD)**

Mast with two mast elements with low free lift. The movable element is activated as soon as the operator uses the hydraulic lever, giving maximum visibility of the forks between the mast elements.

- **Free Lift Duplex (FLD)**

The central cylinder provides a large free lift without having to lift the mast. The mast consists of 2 elements, which have a low overall height for medium lift heights. Ideal for height constrained applications with two or three stacking levels.

- **Free Lift Triplex (FLT)**

The mast consists of 3 elements, which allow a low overall height while maintaining visibility to the forks. The most versatile mast, combining compactness and high lift height for unloading trucks and containers and placing loads at up to 6.5 meters.

How to choose your mast?

- The maximum height you need to lift your loads (+ 15 cm safety margin for racking loads).
- Your height constraints: what is the minimum height I need to clear?
- Visibility: The FVD mast offers better visibility of the load in the absence of a free lift cylinder.

26 models

Capacité

1.5 to 10 tons

Lifting height

up to **6.5** m

**Powerful
Kubota, Deutz
and GCT engines**

Regardless of the energy used by your truck, you are assured of a powerful engine, high travel speeds and a strong ability to climb slopes. A lot of engine information is available on our displays via CAN bus and maintenance is quick and easy.

**Easy and secure access
to the operator's compartment**

Anti-slipping step and access handle.



**Adjustment
of the driver's position**

Quickly and easily optimize your position in the driver's seat with the adjustable steering column and the multiple adjustable Grammer seat.

New design

Common to all Manitou IC trucks, industrial or rough-terrain. Design and Industry are more than ever part of the Manitou DNA!

**Your
expectations
Our Solutions**

Your application is unique.

However, our MI trucks are designed to meet your requirements by offering you exactly what you expect from a forklift truck.

Ease of use and maintenance, reliability and durability, safety.

Our Manitou network will work with you to identify your operational constraints and configure the ideal machine for your application.



Slow approach / Inching pedal

Control your approach to a rack without sacrificing the hydraulic performance of our MI trucks. Flexibility and safety at your fingertips! Safe handling on slopes.

FOPS roof window

Our new roof window* not only allows you to secure your operator in case of a falling load, but it also offers optimal visibility to place your load at great heights.

**Hydrodynamic transmission
reliable and easy to maintain**

UA reliable and simple transmission, ensuring a high level of performance thanks to the torque converter, and a guaranteed flexibility thanks to the slow approach pedal.



	MI 15	MI 18	MI 20	MI 25	MI 30	MI 35	MI 40
Energy (Diesel / LPG)	Gaz	Gaz	Diesel / Gaz	Diesel / Gaz	Diesel / Gaz	Diesel / Gaz	Diesel / Gaz
Engine brand / model / Stage / power	GCT GK21E Stage V 38.4 kW	GCT GK21E Stage V 38.4 kW	GCT GK25E Stage V 43.4 kW Kubota V2607 Stage V 37.4 kW	GCT GK25E Stage V 43.4 kW Kubota V2607 Stage V 37.4 kW	GCT GK25E Stage V 43.4 kW Kubota V2607 Stage V 37.4 kW	GCT GK25E Stage V 43.4 kW Kubota V2607 Stage V 37.4 kW	Deutz TCD 2.9 L4 Stage V 55.4 kW Kubota WG3800 Stage V 61.6 kW
Load capacity (kg)	1500	1800	2000	2500	3000	3500	4000
Load center (mm)	500	500	500	500	500	500	500
Carriage class	FEM / ISO 2A	FEM / ISO 2A	FEM / ISO 2A	FEM / ISO 2A	FEM / ISO 3A	FEM / ISO 3A	FEM / ISO 3A
Lifting height (bracket) (mm)	3000 / 6500	3000 / 6500	3000 / 6500	3000 / 6500	3000 / 6500	3000 / 6500	3000 / 6000
Dimensions (l2 x h6 x b1) (mm)	2240 x 2090 x 1080	2280 x 2090 x 1080	2465 x 2115 x 1155	2535 x 2115 x 1155	2715 x 2130 x 1225	2785 x 2130 x 1225	3065 x 2390 x 1490
Turning radius (mm)	1985	2010	2200	2265	2460	2510	2780
Aisle width for 1000 x 1200 pallet crossways (mm)	3590	3615	3865	3930	4140	4195	4530
Aisle width for 800 x 1200 pallet lengthways (mm)	3790	3815	4065	4130	4340	4395	4730

	MI 45	MI 50	MI 55	MI 50 L	MI 60	MI 70	MI 80	MI 100
Energy (Diesel / LPG)	Diesel / Gaz	Diesel / Gaz	Diesel / Gaz	Diesel	Diesel	Diesel	Diesel	Diesel
Engine brand / model / Stage / power	Deutz TCD 2.9 L4 Stage V 55.4 kW Kubota WG3800 Stage V 61.6 kW	Deutz TCD 2.9 L4 Stage V 55.4 kW Kubota WG3800 Stage V 61.6 kW	Deutz TCD 2.9 L4 Stage V 55.4 kW Kubota WG3800 Stage V 61.6 kW	Deutz TCD 3.6 L4 Stage V 55.4 kW PSI 2.4L Stage V 74 kW	Deutz TCD 3.6 L4 Stage V 55.4 kW PSI 2.4L Stage V 74 kW	Deutz TCD 3.6 L4 Stage V 55.4 kW PSI 2.4L Stage V 74 kW	Deutz TCD 3.6 L4 Stage V 85 kW	Deutz TCD 3.6 L4 Stage V 85 kW
Load capacity (kg)	4500	5000	5500	5000	6000	7000	8000	10000
Load center (mm)	500	500	500	600	600	600	600	600
Carriage class	FEM / ISO 3A	FEM / ISO 3A	FEM / ISO 4A	FEM / ISO 4A	FEM / ISO 4A	FEM / ISO 4A	FEM / ISO 4A	FEM / ISO 5A
Lifting height (bracket) (mm)	3000 / 6000	3000 / 6000	3000 / 6000	3000 / 6000	3000 / 6000	3000 / 6000	3000 / 6000	3000 / 6000
Dimensions (l2 x h6 x b1) (mm)	3095 x 2390 x 1490	3250 x 2390 x 1490	3330 x 2390 x 1490	3499 x 2430 x 1990	3529 x 2430 x 1990	3604 x 2430 x 1990	4015 x 2580 x 2165	4282 x 2580 x 2165
Turning radius (mm)	2800	2920	2970	3230	3260	3330	3675	3980
Aisle width for 1000 x 1200 pallet crossways (mm)	4550	4675	4755	5030	5080	5150	5665	5995
Aisle width for 800 x 1200 pallet lengthways (mm)	4750	4875	4955	5230	5280	5350	5865	6195

Your different tyres

Our range of tyres is adapted to your operational constraints.

On MI 15 - 55, PPS and inflatable tires can be combined at the front to maximize lifting capacity at great heights.



Solid tires (PPS)

For use on smooth ground. Unaffected by punctures, these tires are the most common for indoor or mixed use.



Non-marking solid tires (PPS)

For indoor use, leaving no black marks on the ground. Particularly suitable for retail or food industry.



Inflatable tires

Tires suitable for slightly degraded or uneven floors. Risk of puncture to be taken into account.

Keep operators and their environment safe

Manitou is committed to designing machines that provide optimum safety for operators.

● Operator detection system (OPS)

Inhibit the machine's lifting and moving functions when the operator is not properly seated.

● Full LED lighting

Equipped as standard with a complete LED lighting package, you can order optional lightening that can project a light signal to the front and rear of the machine to visually warn the environment of the forklift in movement.

● Intuitive and intelligent instrument panel

The instrumentation gathers on a single screen all the useful information for the operator (travel speed, hour meter and fuel level, particle filter status...) for an optimal navigation.

● Access to the operator's compartment

Our low, anti-slipping step and access aid handle limit operator fatigue.

● Speed Limitation

This option allows you to match the speed of the machine to your on-site or indoor speed limits.

● Transmission Protection

Our reducers protect the transmission from surges and from shifting from forward to reverse.

● Audio warning in reverse

Standard audio warning in reverse warns pedestrians of the truck's approach. A rear handle with horn is also available for safe operation of the machine (MI15 to 35).



A comfortable operator is a productive operator

The operator's compartment offers an outstanding driving experience that makes operation less tiring and contributes to maximizing productivity.



● Visibility

Our new roof window* gives you the best visibility on the market for overhead load placement.

*(Available on MI 15 to 55)

● Ergonomic operator's station

Quickly and easily adjust the position of your seat, the steering column... The entire operator environment has been designed to make the working day easier.

● Adapt your truck to your use

Mini levers on armrest, choice of seat, full or open cab, heating... Our catalog of equipment will optimize comfort throughout the work cycle.



“Our Manitou equipment provides us the highest uptime while decreasing our downtime cost. These are essential to the efficiency of our operations.”

Contact your dealer



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