

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**
Équipés en standard d'un pack éclairage complet LED. Des lampes optionnelles peuvent projeter un signal lumineux à l'avant comme à l'arrière de la machine afin d'avertir visuellement l'environnement du cariste.
- **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).



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

Contact your dealer

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.



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. All logos and corporate identity 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. Manitou BF-SA - Public limited company with a Board of Directors - Share capital: 39 547

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RANGE
MI



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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.



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.





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	Fork Positioner	Other attachments
Control the position of the carriage to facilitate load placement	Adjust your fork spacing without leaving the operator's compartment	Clamps, rotating carriages, push-pulls... Whatever the load to be handled, we can offer you the right attachment
		

Different types of masts for different needs

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

How to choose **your mast?**

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

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.

26 models

Capacity
1,5 to 10 tons

Lifting height
up to
6,5 m

Easy and secure access to the
operator's compartment
Anti-slipping step and access handle.

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.



New design

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



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.



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.

Slow approach / Inching pedal

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



Your expectations **Our Solutions**

Your application is unique. However, our ML 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.

	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	1500	1800	2000	2500	3000	3500	4000
Load center	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)	3000 / 6500	3000 / 6500	3000 / 6500	3000 / 6500	3000 / 6500	3000 / 6500	3000 / 6000
Dimensions (l2 x h6 x b1)	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	1985	2010	2200	2265	2460	2510	2780
Aisle width for 1000 x 1200 pallet crossways	3590	3615	3865	3930	4140	4195	4530
Aisle width for 800 x 1200 pallet lengthways	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 / Gaz	Diesel / Gaz	Diesel / Gaz	Gaz	Gaz
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	4500	5000	5500	5000	6000	7000	8000	10000
Load center	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)	3000 / 6000	3000 / 6000	3000 / 6000	3000 / 6000	3000 / 6000	3000 / 6000	3000 / 6000	3000 / 6000
Dimensions (l2 x h6 x b1)	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	2800	2920	2970	3230	3260	3330	3675	3980
Aisle width for 1000 x 1200 pallet crossways	4550	4675	4755	5030	5080	5150	5865	5995
Aisle width for 800 x 1200 pallet lengthways	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.