

Tough enough for any challenge!

Designed for durability and robustness

- **Exceptional Handling capabilities**
Specific unique rough terrain masts lifting height up to 6 500 mm. Agility with a turning radius from 3 400 mm. Load safety while driving with tilting up to 15°. Shock absorption system on mast and cab to secure load and driver.
- **Strong holding Component**
Designed to meet the rugged requirements of rough terrain applications thereby minimizing component failure and breakdowns.Prolongs hydraulic system component life by preventing shock loading.
- **Unequaled Off Road performances**
High ground clearance up to 43 cm. Oscillating rear axle with wide angle. Large range of front large diameter wheels. Optimum weight distribution on axles, loaded or unloaded. Central differential locking system, available in 2 and 4 wheel drive.
- **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.



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As a fleet manager, we accurately measure the TCO and profitability of our equipment. We look for machines that are versatile, safe and meet the space constraints of the construction industry.

Contact your dealer



Scan and find out more on manitou.com



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. 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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A comfortable operator is a productive operator

The operator's compartment offers an outstanding driving experience and contributes to maximizing productivity

- **Visibility**
Mast: optimised hose routing for better vision between the uprights.Panoramic interior rear-view mirror (as standard).Curved counterweight for improved rear visibility.
- **Ergonomic operator's station**
Wide cab for a better view, suitable for any operator and a lot of space to store. Accessible from both sides through large doors. Rubber mounted shock absorber to reduce operator fatigue.
- **Adapt your truck to your use**
With a wide range of options (open or closed cab, heating, air conditioning, mechanical or air-suspended seats, fabric or PVC, etc.) you are free to adapt your M to your job and work conditions.



At your service!

Focus on your core business and leave the rest to us

- **Extended warranty**
Operate with complete peace of mind for up to 6 years or 6,000 hours thanks to a modular extended warranty.
- **Maintenance contract**
With a maintenance contract, you have the assurance of reliable and irreproachable service. Your maintenance budget is predictable, clear and without surprises. Re-sale of transfer, your machine will be even more valued.
- **A whole organization at your service**
to support you in your business. We are committed to maintaining your machines and maintain a stock of spare parts available worldwide within 24 to 72 hours.



A range supported by a World leader in Customer Service

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

- **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.



- **Made in France**
Manitou is the only manufacturer to make its own all-terrain masts to prevent distortion



Lifting height:

Up to **6500 mm**

Maximum capacity:

7000 kg

Ground clearance:

up to **430 mm**

2/4 wheel drive

Torque

Transmission

(Hydrostatic transmission only on M70)

Easy to use and maintain

Simplicity of design and a limited number of electronic parts helps keep maintenance costs down. Straightforward access to components under the different panels.

The main electronic components are positioned in sealed casings protected from dust and moisture.



Visibility

Large windows and front shield coupled with a high seat and well positioned mast provide you an unequaled visibility on your surroundings for a topmost security in all situations.



Comfortable working environment

Spacious cab with a panoramic view
Full vision cab with doors (optional), which can be locked automatically in the open position. Suspended cabin, reducing vibrations for the operator. Efficient heating and ventilation as standard.

High seating position (1480 mm)
Large choice of fabric or PVC pneumatic seats



Easy access

The driver's cab is easily accessible, thanks to the handle attached to the upper left-hand post of the overhead guard, non-slip steps on both sides, open space at floor level.



First and best Rough Terrain Forklift !

- High ground clearance up to 430 mm
- Rear oscillating axle
- Large choice of tires to adapt to your soils
- Torque conversion and 4 WD to get up and down any slope.



Carriage

From 1470 mm to 2400 mm, with ISO or MAN forks, the M range has the right carriage to adapt any tool to your mast.



Long Load Carriage

Strongly recommended when handling long loads, Long loadcarriages are reinforced on the mast fixation and complete with additional guiding rollers.



Load Backrest

Highly useful in difficult environments to protect both people and loads, load backrests are proposed for the whole range of carriages from 1470 to 2400 mm

Various attachments are available to meet your different application needs

These attachments require three or four hydraulic movements, so allow for levers and distributors fitted up to the attachment mounting system when placing your order.



Hook-on sideshift



Hook-on fork positioner



Large range of load backrests



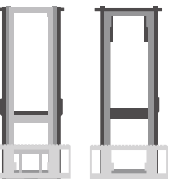
Tilting Carriage
(Only on M50)



		M 26	M 30	M 40	M 50	M 70
Capacity	kg (lbs)	2600 (5700)	3000(6600)	4000 (8800)	5000 (11000)	7000 (15400)
Engine Power	kW (HP)	55.5 (74.4)	55.5 (74.4)	55.5 (74.4)	55.5 (74.4)	55.5 (74.4)
Lifting height	mm (ft)	6500 (21'3")	6500 (21'3")	6000 (19'8")	6000 (19'8")	4500 (14'9")
Load center	mm (ft)	500	500	500	600	600
Carriage class		FEM 3A	FEM 3A	FEM 3A	FEM 4A	FEM 4A
Dimensions from (L x W x H)	m (ft)	4,701 x 1,927 x 2,451 15'5" x 6'4" x 8'1"	4,701 x 1,927 x 2,451 15'5" x 6'4" x 8'1"	4,858 x 2,057 x 2,441 15'11" x 6'9" x 8'1"	4,858 x 2,057 x 2,441 15'11" x 6'9" x 8'1"	5,66 x 2,15 x 2,44 18'7" x 7'1" x 8'1"
Aisle width	mm (ft)	5360 (17'7")	5360 (17'7")	5560 (18'3")	5640 (18'6")	6715 (22'1")
Turning radius	mm (ft)	3220 (10'7")	3220 (10'7")	3395 (11'2")	3465 (11'4")	4210 (13'10")

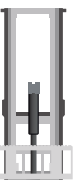
Choose your mast ?

- 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 and FVT mast offers better visibility of the load in the absence of a free lift cylinder.



Full Visibility Duplex (FVD) and Triplex (FVT)

Mast with two mast elements (FVD) or three (FVT), 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 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.



Stabilized surface

Any Path/Road

Rough-Terrain

Whatever the soil, Manitou offers the right range of tires!