

RANGE
MC



Your total cost of ownership (TCO)

From the design stage, we take your total cost of ownership into account in order to develop high-performance, robust and cost-optimised machines.

- **Reduced consumption and noise on site**
Reduced cabin noise and fuel consumption with the new Stage 5 engine.
Significant environmental impact.
- **Easy maintenance**
Simplified access to maintenance components for reducing machine downtime.
Increased maintenance intervals.
- **Optimised resale value**
The MC range brings you high resale value thanks to its performance, quality and robustness of its components.
- **Mast robustness**
Designed for rough terrain **fixed** directly to the chassis to avoid mast torsion.

Switch 2/4 wheel drive

This allows the operator to reduce fuel consumption by up to 12%, increase travelling speed and minimise wear and tear on rear tyres.



Your performance, our priority

Tough enough for any challenge!

- **Hydrostatic transmission**
Recommended for applications requiring:
 - regulated working power,
 - constant speed control,
 - precision in driving and approach,
 - repetitive braking: the automatic braking on release of the pedal improves driving comfort for the operator.
- **Exceptional gradeability**
Equipped with large diameter front wheels for good weight distribution on the axles and central differential locking system, the machines in this range offer very good performance.
- **Rough-terrain mast design**
Its width ensures better stability of the truck for greater safety when handling long or bulky loads.
Mast tilting up to 12°.
- **Turning radius**
The MC machine, with a turning radius from 2.58 m, can meet the challenges of narrow storage areas and construction sites.
- **Rough-terrain design**
An important **ground clearance** of 30 cm.
An **oscillating rear axle** with a high degree of articulation



Your Connected solution

Monitor the position of your machine 24 hours a day in real time and optimise its operational follow-up.

- **View in real time**
Manage your fleet remotely and benefit from a wealth of information about your machines accessible on your computer, tablet or smartphone.
- **Anticipate maintenance**
Save time : share your alerts directly with the technician to anticipate visits and reduce response time.
- **Analyse performance**
View the performance of your machines in a graphical format that is easy to follow and interpret.



Protect your equipment and control access

As an option, you can manage driving authorisations and control operator access to your machines. You ensure their safety in and around the machine.



Need more compactness? Choose the Buggy cab

As an option, you have access to the buggy version:
Lower cab height of 1990 mm

Your compactness & comfort

No compromise on safety and efficiency!

Comfort and visibility are among the major points on selecting your truck. MC is unparalleled on both:

- Large cab, with seat in the middle
- Wide windscreen and roof glass with best visibility on the market.
- Options for pneumatic seat
- Most silent truck on the market with double skinned engine hood
- Large and safe access to the cab with the floor
- Highest ground clearance on the market

Lifting height :
up to 6500 mm

Maximum capacity :
3500 kg

Cabin height from
1990 mm

2/4 wheel
drive

Hydrostatic
transmission

**Maintenance easy
as 1-2-3**

Maintenance is as easy as using the MC!
With simple and safe access to all control
point and levels, to main components and to
greasing points, MC is a very effective truck
to check, clean and repair.

Think this is useless?
This is twice to five time less than the
competition. That is from one to six hours
per year...and much safer.



**YOUR SAFETY
& VISIBILITY**

Visibility is a an essential element
in the safety of drivers and
their environment, and this key
element is factored in at the
design stage.

Easy access

Upper left hand post, non-
slip steps and open space
at floor level to keep safety
and comfort during the often
repetitive activities of getting
in and out of the driver's cab.

**Panoramic
cabin roof**

**Comfortable working
environment**

A remarkable driving experience,
making work less tiring and improving
productivity with the spacious and
suspended cab.

JSM is optionnally available to have all
handling controls in the palm of your
hand.

**Curved
counterweight**
for improved rear
visibility.

**Which
mast
to choose ?**

First of course the
maximal height you need
to level your loads to plus
a 15 cm margin for safety.

Then your height
constraints : what is the
lower door I need to
cross?

And finally the visibility :
FVD and FVT suggest a
better visibility at highest
height on the load.

On MC18, all our FVD
and FLT masts keep their
nominal capacity up to a
minimum of 3000 mmm.

Did you know ?

Manitou is the only
constructor who build
its own rough-terrain
mast to avoid any
distorsion.



JSM advantages

The JSM (Joystick Switch & Move) is
optionnaly available on MC range, putting
all handling controls in the palm of your
hand. And giving you unequaled precision
and speed for your daily tasks!



Simplified use sheet
Handling videos
Reduce Risks helps you
to use your machines safely





MC 18

MC 25

MC 30

		MC 18	MC 25	MC 30
Capacity	kg (lbs)	1800 (3960)	2500 (5512)	3000 (6614)
Engine power	kW (HP)	26.5 (35.5)	37 (49.6)	37 (49.6)
Max. lifting height	m (ft)	5.5 (18'04")	5.5 (18'04")	5.5 (18'04")
Load centre of gravity	mm (ft)	500	500	500
Carriage class		FEM 2A	FEM 2A	FEM 3A
Dimensions from (L x W x H)	m (ft)	2.95 x 1.45 x 1.99 (9'7" x 4'7" x 6'6")	3.05 x 1.45 x 1.99 (10' x 4'09" x 6'06")	3.09 x 1.45 x 1.99 (10'01" x 4'09" x 6'6")
Aisle width from	m (ft)	4.55 (14'11")	4.59 (15'01")	4.62 (15'02")
Turning radius	m (ft)	2.58 (8'4")	2,62 (8'07")	2,65 (8'08")



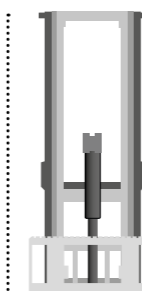
- Loading/unloading lorries & containers
- Scrapyards
- Events
- Roadshows...
- Basement construction
- Masonry
- Arboriculture
- Nurseries
- Market gardening
- Oyster farming...

Your mast

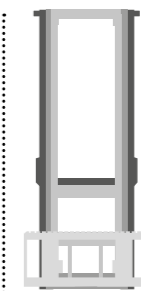
To meet your height requirements, the MC range offers a number of mast options:



Full Visibility Duplex (FVD)
Two mast components with low free lift. The mobile component is activated when the operator uses the hydraulic lever.



Free Lift Triplex (FLT)
The central cylinder gives the operator greater free lift without having to raise the mast. The mast consists of three elements, which allow for a low overall height while maintaining a significant working height.



Full Visibility Triplex (FVT)
Three mast components without free lift. The mobile component is activated when the operator uses the hydraulic lever, allowing for both low height and good front visibility.

MC 18 : FVD 3300 to 4500 / FVT 3300 / FLT 3700 to 5500
MC 25/30 : FVD 3300 to 4500 / FVT 3300 / FLT 3400 to 6000

Versatility & strength for all your jobs

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



Side-shift



Fork positioner



Bucket
(only on MC25 and MC30)



Tilting carriage
(only on MC25 and MC30)

Your different tyres

- Rough-terrain: ideal for working on uneven, degraded surfaces.
- Mixed: suitable for moving from a stable surface to a rough-terrain surface (and vice versa).
- Low pressure to reduce the impact on your grassy / sandy ground



Rough-terrain



Mixed



Mixed



Low Pressure

BENEFITS

An MC truck can go from a width of 1450 mm to 1600 mm with the biggest set of tyres. This reduces marking by the machine and gives greater stability. However, a standard set of tyres allows the compactness of the equipment to be preserved.

Pay attention as this item represents a significant expenditure as part of the total cost of ownership (TCO). Good tyres that are suited to your application will reduce the number of tyre changes and therefore help to optimise the TCO.



Tilting carriage

MC may be fitted as an option with a tilting carriage : a quick and easy way to switch between attachments, making your MC versatile and even more useful!



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

Your dealer



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more information
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