Rough terrain specialist

- Capacity from 2600 kg to 5000 kg
- Lifting height from 3 m to 6 m
- 2- or 4-wheel drive models
- Motorization Turbo Euro III
**M: true rough terrain trucks**

The M trucks, from 2.6 to 5 tonnes of capability, enable you to transport heavy, long or bulky loads wherever you wish. Whether on steep slopes or uneven ground, you will appreciate the benefit of the stability and unequalled traction of these rough terrain trucks from the MANITOU range.

- **Robust first and foremost**

  Uniquely for this kind of truck, the M series are fitted with a solid bloc chassis that is perfectly able to withstand the effects from twisting on rough terrain, with a suspended cab that protects the driver from vibrations, with a steerable rear oscillating axle to give easy manoeuvring on muddy ground and a load absorber as standard to protect the load from damage on difficult ground.
• Power serving effectiveness

To be effective in the yard the operator must be fast and precise. This is why the M trucks are powerful and fitted with a Perkins 1104 D 44 T engine that complies with the EURO III standard. Its 4 direct injection cylinders develop 70 kW / 95 hp at a nominal engine speed of 2200 rpm; combined with the torque converter transmission the operator is able to choose a travelling gear on stable ground or engine torque for traction on unstable ground (4-speed gearbox).
• **Extra comfort**

The spacious enclosed cab with tinted glass fitted as standard, heating, comfortable adjustable seat, efficient dashboard with control lights, and a system that automatically locks the doors open to give ventilation in hot weather mean that the operator can work effectively in all weathers.

• **Unequalled performance**

Popular for their extraordinary ability to drive over obstacles and their ground-holding in muddy conditions, the *M* trucks with capacities from 2.6 T to 5 T can carry out a variety of duties in complete safety. Designed to give optimum stability, with a wide gauge that can handle long loads in complete safety; with high ground clearance and with wide diameter wheels at the front to cross obstacles more easily, good weight distribution over the axles and a hydraulic differential lock system (optional on the 4-wheel drive) to control the truck under all conditions.
In addition there are the advantages of the ergonomically designed controls placed within easy reach, and of increased safety given by the exceptional visibility round the mast and on the sides of the truck which enable the driver to see his load and surroundings.
• **Simpler maintenance**
The fully opening bonnet gives complete access to the engine, gauges, filters and greasers to keep down maintenance time and encourage routine maintenance.

• **Versatility under all circumstances**
Available as 2 or 4-wheel drive, the M range includes 6 models: M26.2, M30.2, M26.4, M30.4, M40.4, M50.4. The exceptional traction of the M trucks enables you to be as effective with forks in the yard, with a bucket for picking up bulk loads, a skip for concrete, or wood clamp when dealing with timber.
<table>
<thead>
<tr>
<th>Versions</th>
<th>Tread</th>
<th>Width tyre (mm)</th>
<th>Overall width to the tyres (mm)</th>
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**EQUIPMENT**

**STANDARD EQUIPMENT**
- Carriage
- Complete cab with side doors
  - Tinted windscreen and rear window
  - Front and rear wipers
  - Front windscren washer
  - Skai seat
  - Safety belt
  - Heating
  - Road lighting adjustment
  - Load shock absorber
  - Driver presence detection

**OTHER OPTIONAL EQUIPMENT**

**Mast and accessories:**
- Wide choice of forks
- Different carriage sizes
- Load back rest
- Hydraulic outlets for accessories
- Quick-release couplings
- Side-shift carriage
- Double carriages

**Cab and driver comfort:**
- Air-conditioning
- More comfortable seat (fabric or pneumatic)
- Sliding door bay
- Roof wiper
- Sun visor on roof window and windscren
- Document holder
- Car radio
- Tiltable steering column

**Safety:**
- Rotating lamp
- Internal and external rear-view mirror adjustment
- Working lights (front or rear)
- Back-up alarm buzzer
- Balancing valve on tilt cylinders
- Increase in mast tilt angle

**Difficult environment and medium:**
- Differential lock (2 wheel drive)
- Wide choice of tyres (multipurpose, all terrain...)
- Wing extensions
- Cyclonic or self-cleaning prefilter
- Prefilter heightener

**Cold countries:**
- Diesel heater
- Battery for cold conditions

**Special offers (some examples):**
- Specific accessory
- Spark-guard
- …
<table>
<thead>
<tr>
<th>MASTS</th>
<th>TYPE OF TRUCK</th>
<th>OVERALL MAST DOWN (mm)</th>
<th>FREE LIFT (mm)</th>
<th>OVERALL MAST EXTENDED (mm)</th>
<th>HEIGHT AT MAXIMUM CAPACITY (mm)</th>
<th>CAPACITY AT MAXIMUM HEIGHT (mm)</th>
<th>MAST TILT ANGLE FRONT / REAR</th>
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### Roller masts - Load charts M40/50 - 4

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<th>OVERALL MAST DOWN (mm)</th>
<th>FREE LIFT (mm)</th>
<th>OVERALL MAST EXTENDED (mm)</th>
<th>HEIGHT AT MAXIMUM CAPACITY (mm)</th>
<th>CAPACITY AT MAXIMUM HEIGHT (mm)</th>
<th>MAST TILT ANGLE</th>
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### Free lift

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<th>OVERALL MAST EXTENDED (mm)</th>
<th>HEIGHT AT MAXIMUM CAPACITY (mm)</th>
<th>CAPACITY AT MAXIMUM HEIGHT (mm)</th>
<th>MAST TILT ANGLE</th>
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### Triplex

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<th>HEIGHT AT MAXIMUM CAPACITY (mm)</th>
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M26.2/M30.2 T : 2-wheel drive
M26.4/M30.4 T : 4-wheel drive
M40.4/M50.4 T : 4-wheel drive

Lifting capability
M26.2/M26.4 T (500 mm) ........................................2600 kg
M30.2/M30.4 T (500 mm) ........................................3000 kg
M40.4 T (500 mm) ...........................................4000 kg
M50.4 T (600 mm) ..............................................5000 kg

Standard lifting height ........................................3.70 m

Tyres
Front: M26/M30 T .............................................16,5/85-24 SGI 8 PR
M40.4/M50.4 T ..............................................18 R 22,5 XF TUBELESS
Rear: M26.2 T ..................................................9.00-16 EM5 10 PR
M30.2 T ..........................................................10 R17.5
M26-4 / M30-4 T .............................................10.5 - 80 R18 TG 42 10PR
M40.4/M50.4 T ..................................................340/80 R18

Forks (mm)
Length ..........................................................1200
Width x thickness
M26/M30 T .................................................125x40
M 40.4 T .................................................150x50
M 50.4T .....................................................150x60

Multidisk hydraulic brakes with oil bath

PERKINS Euro III engine
Type ............................................................1104 D 44 T
Cubic capacity .............................................4 cyl. - 4400 cm³
Nominal engine speed ....................................2200 rpm
Power (ISO/TR 14396) ....................................70 kW (95 hp)
Maximum torque ...........................................392 Nm at 1400 rpm
Direct injection
Water cooled
Travelling up a slope when unloaded/when loaded
M26-2/M30-2 T ........................................29%/45%
M26-4/M30-4 T ........................................70%/75%
M40-4/M50-4 T ........................................80%/80%

Transmission .............................................Torque converter
Reversing shift ...........................................electro-hydraulic
4 forward and reverse gears
Max. travelling speed* ................................ 28 km/h
M26/M30 T ..................................................215 km/h
M40.4/M50.4 T ............................................25 km/h
Hydraulic differential lock M26.2/M30.2
Electro-hydraulically controlled disconnect
M26.4/M30.4/M40.4/M50.4

Hydraulics
Geared main pump:
Pressure/flow
M 26.2/M 26.4 T ...........................................185 bar/89 l./mn
M 30.2/M 30.4 T ...........................................185 bar/89 l./mn
M 40.4/M 50.4 T ...........................................210 bar/89 l./mn
Priority Load sensing flow divider for steering ........................................145 bar/89 l./mn

Capacity
Engine oil .................................................8.5 l
Hydraulic oil .............................................64 l
Transmission oil .........................................15.5 l
Fuel .........................................................85 l

Weight (with standard mast and forks)
M26.2 T ...................................................5800 kg
M30.2 T ...................................................6100 kg
M26.4 T ...................................................5880 kg
M30.4 T ...................................................6180 kg
M40.4 T ...................................................6700 kg
M50.4 T ...................................................7660 kg

France: special machines defined in article R 168 cat. B of the Highway Code
The specifications given are not binding on the manufacturer and may be changed without notice.
Manitou, material handling world leader

Inventor of the rough terrain forklift truck, Manitou offers today the most comprehensive range to meet all specific handling and personal lifting requirements:

- **Manitou**: Telescopic trucks
- **Manitou**: Rough terrain and semi industrial masted trucks
- **Manitou**: Compact telescopic handler
- **Manitou**: Backhoe/Loader with telescopic boom
- **Manitou**: Truck mounted forklifts
- **Manitou**: Articulated wheeled loaders
- **Manitou**: Electric pallet trucks and electric stackers

A network of skilled professionals at your service!

With a network of 600 service and parts centres in more than 120 countries, Manitou provides an efficient after-sales support based on the expertise of thousands of factory trained technicians.

*The equipment supplied with each model may differ from that described in this leaflet. For more details, contact your MANITOU dealer.*

**MANITOU**

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