M26/M30/M40/M50
MASTED FORKLIFT TRUCKS
M26 / M30 / M40 / M50

4 models, 12 versions to choose from

M 26 and 30
2-wheel or 4-wheel drive
Hydrostatic version on 2-wheel drive

M 40 and 50
2-wheel or 4-wheel drive
Hydrostatic version on 2-wheel drive
The M range is Manitou’s most established range. Unparalleled in the market, this range was developed with more than 50 years of working experience, innovations, and listening to our users.

Renowned for their sturdiness and performance even in very extreme conditions, the all-terrain Manitou forklift trucks go where others do not!

In combining simplicity and productivity, the M forklift trucks are essential allies for your construction sites.

The power and the manageability of the M26, M30, M40 and M50 allow you to carry out your handling duties in complete safety.
Simplified USAGE and MAINTENANCE

COMMONALITY across all models

Spacious cab with a panoramic view
- Full vision cab with optional doors which can be securely folded back.
- Suspended cabin reducing vibrations for the operator.
- Efficient heating and ventilation as standard, air conditioning (optional).

Ergonomic levers
The user benefits from being ideally positioned to use the controls which are naturally located within easy reach.

Very tight turning radius 3.40 m
EASE OF MAINTENANCE whatever the model
When the bonnet is fully open complete access can be gained to the engine, gauges, filters and lubricators, to reduce the maintenance time and to help prevent downtime.

SHOCK ABSORBER
As standard, Shock Absorber technology keeps the load stable no matter the state of the ground on which you are manoeuvring.
PRODUCTIVITY

PERFORMANCE and STURDINESS

Power: 75 HP
New generation STAGE 3B engine with particle filter.

Energy saving
Fuel consumption reduced by up to 13%.

Exceptional all terrain capability
Large diameter front wheels with good load distribution on both axles with central differential locking system. Available in 2 wheel drive and 4 wheel drive.

Lifting height up to 7 m

Good ground clearance

Rear axle can move through a wide angle

Its width ensures the fork-lift truck has better stability for extra safety for lateral loading.
Transmission
Converter
Torque convertor gives the operator a selection of gears suitable for high performance on all ground conditions.

Hydrostatic
Recommended for applications requiring:
- a regulated working power,
- a constant speed control,
- a driving and approach precision,
- repetitive braking: the automatic braking, when releasing the accelerator pedal, improves comfort for the driver.

Mast reclines up to 15°

MANITOU masts, recognised quality for over 50 years!
TOGETHER, LET’S REDUCE OUR CARBON FOOTPRINT

The material handling sector has not yet got a normalised cycle to measure the trucks’ energy consumption. Manitou Group clearly shows its commitment to transparency by establishing an internal protocol, accessible to all, that can reveal its own measures of consumption (l/h) and CO2 emissions (kg/h). To provide the highest reliability, the data is checked and approved by an independent body, UTAC* specialized in the registration of vehicles and equipment.

SUSTAINABLE SOLUTIONS

To be THE material handling reference is to commit to innovate to offer you safe, efficient and sustainable solutions today and tomorrow.

TOGETHER

Manitou Group would like to accompany you in reducing your trucks fuel consumption to help cut back your carbon footprint.

TEST PROTOCOL

Consumption measurements are performed on four representative activities of a telescopic forklift: handling, bulk loading, idle and road work.

INFORM

We have developed information and awareness tools (product labels, iPad simulator...) to inform you about our trucks’ fuel consumption and emissions.

APPROVED PROCEDURES

To validate orientations adopted by the Group in terms of fuel consumption, we wanted to validate our procedures via a recognised external body.

Calculate your fuel consumption: http://reduce.manitou.com

*UTAC: Technical Union for the Automobile, Motorcycle and Cycle Industries performs official duty cycles in the automotive sector. UTAC is the only French Technical Service notified to the European Commission and the UNO for fuel consumption.
Tailor-made finance to make the best use of your funds

You can plan the purchase of your forklift with peace of mind by using MANITOU' financing opportunities.

You will have simple solutions adapted to your needs and seasonal requirements. If you want to make a rapid investment, consider asking us for a personalised proposal to take your situation into account.

* MANITOU Finance solutions are available in certain countries.

MANITOU maintenance contract

2 levels of maintenance adapted to your needs. You are sure of:

- equipment always in good working condition
- a reduction of repair costs as a result of regular servicing
- authentic standardised services

MANIPLUS extension of guarantee

With MANIPLUS you can take out an extension of guarantee until 5 years.

EASY MANAGER

A simple and flexible system for fleet management (with or without geolocation) to provide optimum service from your machines. EASY MANAGER gives you:

- real-time materials management
- simple and easy way of managing your machinery activity and maintenance
- maximise your asset and safeguard your equipment

MANITOU spare parts

Utilising genuine MANITOU spare parts is sure to prolong the best performance capability of your machine.

Your MANITOU dealer has access to a stock of 70,000 part numbers, available in 24 hours in Europe (48 hours outside Europe).
### Lifting

<table>
<thead>
<tr>
<th></th>
<th>M26-2 / M26-2H</th>
<th>M26-4</th>
<th>M30-2 / M30-2H</th>
<th>M30-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. capacity</td>
<td>2 600 kg at 500 mm CDG</td>
<td>3 000 kg at 500 mm CDG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lifting height</td>
<td>3.70 m</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. lifting height</td>
<td>7.00 m</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Unladen time

- **Lifting:** 0.5 m/s
- **Lowering:** 0.5 m/s

### Tyres

- **Forward:** 14.5R20 18PR MPT80 TL
- **Backward:** 10R 17.5 134/132 M G291

### Braking

- **Service brake:** Oil immersed multi-disc braking on front/rear axles
- **Parking brake:** Oil immersed multi-disc mechanics on the front axle

### Engine

- **Type:** PERKINS - STAGE EURO 3B
- **Capacity:** PERKINS 854F-E34T 54009.1.1
- **Cubic capacity:** 3400 cm³
- **Power:** 75 HP / 55.5 kW
- **Max. torque:** 318 Nm at 1400 rpm
- **Injection:** Direct
- **Cooling:** Water

### Transmission

- **Torque converter:** Hydrostatic
- **Reversing shift:** Mechanical
- **Number of gears (forward/reverse):** 4/4
- **Max. travel speed:** 22.1 km/h
- **Front axle differential lock:** Yes
- **Control for 2/4 wheel drive:** No
- **Hydro-proportional levers for all movements:** Yes

### Hydraulics

- **Pump:** Gear pump 97 l/min - 245 bar
- **Hydraulic oil:** 80 l
- **Fuel:** 85 l

### Capacities

- **Unladen weight (with standard mast forks):** 5 092 kg
- **Laden drawbar pull:** 4 670 daN

### Dimensions

1. Front wheel centre to carriage: 0.75 m
2. Wheelbase: 1.99 m
3. Rear wheel centre to rear face: 0.76 m
4. Overall length to carriage: 3.49 m
5. Ground clearance: 0.38 m
6. Inside tyre width: 1.55 m
7. Overall width: 1.90 m
8. Overall height: 2.73 m
9. Standard forks (length x width x thickness): 1200 x 125 x 40 mm
10. Turning radius: 3.49 m
11. Tilt standard mast (forward/backward): 6° / 12°

### Noise and vibration

- **Noise at driving position (LpA):** 76 dB
- **Environmental noise (Lwa):** 104 dB
- **Vibration to whole hand/arm:** <2.5 m/s²
- **Vibration on driver’s body:** 0.97 m/s²
### Lifting

<table>
<thead>
<tr>
<th></th>
<th>M40-2 / M40-2H</th>
<th>M40-4</th>
<th>M50-2 / M50-2H</th>
<th>M50-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. capacity</td>
<td>4 000 kg at 500 mm CDG</td>
<td>5 000 kg at 600 mm CDG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lifting height (standard mast)</td>
<td>3.70 m</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. lifting height</td>
<td>6.00 m</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Unladen time

<table>
<thead>
<tr>
<th></th>
<th>M40-2 / M40-2H</th>
<th>M40-4</th>
<th>M50-2 / M50-2H</th>
<th>M50-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lifting</td>
<td>0.5 m/s</td>
<td>0.4 m/s</td>
<td>0.5 m/s</td>
<td>0.4 m/s</td>
</tr>
<tr>
<td>Lowering</td>
<td>0.4 m/s</td>
<td>0.3 m/s</td>
<td>0.4 m/s</td>
<td>0.3 m/s</td>
</tr>
</tbody>
</table>

### Tyres

<table>
<thead>
<tr>
<th></th>
<th>Forward</th>
<th>Backward</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>18-19.5 18PR 166A6 TL</td>
<td>10R17.5 134/132M G291</td>
</tr>
<tr>
<td></td>
<td>18-22.5 163A8 MPT-06 TL</td>
<td>18-22.5 163A8 MPT-06 TL</td>
</tr>
</tbody>
</table>

### Braking

<table>
<thead>
<tr>
<th></th>
<th>Service brake</th>
<th>Parking brake</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Oil immersed multi-disc braking on front/rear axles</td>
<td>Oil immersed multi-disc mechanics on the front axle</td>
</tr>
</tbody>
</table>

### Engine

<table>
<thead>
<tr>
<th></th>
<th>PERKINS - STAGE 3B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>PERKINS 854F-E34T S4009.1.1</td>
</tr>
<tr>
<td>Cubic capacity</td>
<td>3400 cm³</td>
</tr>
<tr>
<td>Power</td>
<td>75 HP / 55.5 kW</td>
</tr>
<tr>
<td>Max. torque</td>
<td>318 Nm at 1400 rpm</td>
</tr>
<tr>
<td>Injection</td>
<td>Direct</td>
</tr>
</tbody>
</table>

### Transmission

<table>
<thead>
<tr>
<th></th>
<th>Torque converter</th>
<th>Hydrostatic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gearbox</td>
<td>Mechanical</td>
<td>Mechanical</td>
</tr>
<tr>
<td>Reversing shift</td>
<td>Electro-magnetic</td>
<td>4/4</td>
</tr>
<tr>
<td>Number of gears (forward/reverse)</td>
<td>4/4</td>
<td></td>
</tr>
<tr>
<td>Max. travel speed (may vary according to applicable regulations)</td>
<td>23.9 km/h</td>
<td></td>
</tr>
<tr>
<td>Front axle differential lock</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>Control for 2/4 wheel drive</td>
<td>no</td>
<td></td>
</tr>
</tbody>
</table>

### Controls

<table>
<thead>
<tr>
<th></th>
<th>Hydro-proportional levers for all movements</th>
</tr>
</thead>
</table>

### Hydraulics

<table>
<thead>
<tr>
<th></th>
<th>Pump</th>
<th>Gear pump 97 l/min - 230 bar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacities</td>
<td>Hydraulic oil</td>
<td>80 l</td>
</tr>
<tr>
<td>Fuel</td>
<td>85 l</td>
<td></td>
</tr>
</tbody>
</table>

### Dimensions

<table>
<thead>
<tr>
<th></th>
<th>1. Front wheel centre to carriage</th>
<th>0.77 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Wheelbase</td>
<td>2.06 m</td>
<td></td>
</tr>
<tr>
<td>3. Rear wheel centre to rear face</td>
<td>0.84 m</td>
<td></td>
</tr>
<tr>
<td>4. Overall length to carriage</td>
<td>3.68 m</td>
<td></td>
</tr>
<tr>
<td>5. Ground clearance</td>
<td>0.37 m</td>
<td></td>
</tr>
<tr>
<td>6. Inside tyre width</td>
<td>1.60 m</td>
<td></td>
</tr>
<tr>
<td>7. Overall width</td>
<td>2.06 m</td>
<td></td>
</tr>
<tr>
<td>8. Overall height</td>
<td>2.86 m</td>
<td></td>
</tr>
<tr>
<td>Standard fork (length x width x thickness)</td>
<td>1200 x 150 x 60 mm</td>
<td></td>
</tr>
<tr>
<td>Turning radius</td>
<td>3.26 m</td>
<td></td>
</tr>
<tr>
<td>Tilt standard mast (forward/backward)</td>
<td>15° / 15°</td>
<td></td>
</tr>
</tbody>
</table>

### Noise and vibration

<table>
<thead>
<tr>
<th></th>
<th>Noise at driving position (LpA)</th>
<th>76 dB</th>
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</thead>
<tbody>
<tr>
<td>Environmental noise (LwA)</td>
<td>104 dB</td>
<td></td>
</tr>
<tr>
<td>Vibration to whole hand/arm</td>
<td>&lt;2.5 m/s²</td>
<td></td>
</tr>
<tr>
<td>Vibration on driver’s body</td>
<td>1.16 m/s²</td>
<td></td>
</tr>
</tbody>
</table>
Your nearest MANITOU dealer: