







Truck mounted forklifts

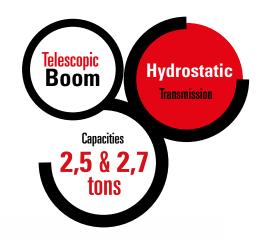
The Manitou brand offers material-handling machines equipped with a telescopic boom (TMT) or a mast (TMM). These machines are attached to the back of your lorries or trailers. It is THE handling solution for your deliveries.

A DUAL DESIGN

Machines to suit your needs

Regardless of the type of load or application (construction, deliveries to private individuals, events, etc.), you will find the solution in the TMF (Truck-Mounted Forklifts) range.











An asset for delivery drivers

TMT and TMM trucks are valuable assets for your teams.

From urban areas with difficult access to construction sites, these machines will allow you to work autonomously, providing your customers with the best service and delivering to the last mile.

Thanks to the intuitive operation and ease of use, the TMT and TMM machines ensure autonomy, performance and safety during handling and mounting/dismounting operations.

Always available

Mobile and powerful, the truck mounted forklift is always available to get as close as possible to the goods in challenging conditions.

In less than a minute, your forklift is ready to load and/or unload any kind of load. The operator can effortlessly reposition it to move to the next destination.

Productivity guaranteed!







PRODUCTIVITY & PERFORMANCE

A boom with sideshift

The telescopic boom moves laterally by 135 mm for greater usage flexibility without adding any extra attachments.

As inventor of the telescopic boom on the truck-mounted forklift, Manitou offers the best telescopic arm for optimum efficiency with minimum maintenance.





loading/unloading all from one side

Thanks to the boom, the TMT can unload a platform from one side only without additional equipment. Ensures that you save time with best residual capacities on the market.





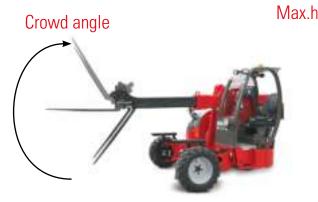
Engine and transmission

The TMT is fitted with a Kubota 37 kW stage 5 Turbo engine and hydrostatic transmission combined with a differential lock to meet any terrain-related challenges.

Whatever the environment, the TMT is THE most high-performance machine in every aspect.

With no counterweight and excellent mass distribution, the TMT ensures perfect stability. Braking efficiency is guaranteed with 3 wheel braking provided as standard.

Max outreach. 2,10m





Capacities

The range of telescopic truck-mounted forklifts offers high residual capacities: handle up to 1.5 tons on the second pallet grip placed 2.1 m from your wheel!

Work with ease while remaining within the overall height of your machine.

SAFETY & COMFORT

Operator environment

Access to the driver's cab is facilitated by a low ergonomic access step.

Both the TMT and TMM have a real driver's area with a spacious cab, comfortable seat and ergonomic controls.







The FNR (Forward Neutral Reverse) lever makes the TMT easy to use.

It controls both the boom and travel movements of the truck.

The digital dashboard provides all the maintenance and safety information for optimal use of the machine.

Operator's view

Thanks to its telescopic boom, the TMT gives the driver full visibility over the field of operation.

The various elements

In compliance with standard EN15000, the TMT has an anti-tilting over system (unique on the market) that allows work to be carried out safely.

The FOPS/ROPS cabin, stabilizers (for S version machines), and braked wheels ensure maximum safety for the operator



MAINTENANCE



Cabin

With its robust chassis and boom, the TMT is suitable for intensive use.

Chassis

A closed single-block chassis for easy cleaning of the entire machine. The protected components are not damaged by rain, water, dust...

With its robust chassis and boom, the TMT is suitable for intensive use.

Paintwork

Metalized chassis and boom ensure a long service life for the machine.





PRODUCTIVITY & PERFORMANCE

Engine and transmission

TMM machines are fitted with a Kubota 18.5 kW stage 5 naturally aspirated 3 cylinder engine (without DPF), which delivers continuous power, even at low rpm. Your driving will be smooth and consistent.

Its hydrostatic transmission, 3 braked driving wheels and differential lock allow it to access all types of terrain.



Stabilizers

As standard on all TMM machines, the stabilizers ensure the best lifting capacity in the category.







Masts and attachments

Your machine has been designed to increase your productivity:

Mast tilting as standard (8 /7).

Attachments

2 technologies are available to enable you to access your loads easily:

- Telescopic forks
- Extensor/Pantograph.

These two attachments can be combined to ease loading/unloading from one side.







SAFETY& COMFORT

Dashboard: indicators and buttons are easily accessible. The operator can see at a glance the essential machine data (lights switched on, lateral mode engaged, tank level, etc.

The FNR joystick controls movements of the mast (raising/lowering) and drive movements (forward/reverse) of the machine. It helps you to work ergonomically, comfortably and safely. The single-function levers make it easy to handle the machine.









To protect the machines during transport (bad weather, truck vibrations, etc.), the machines benefit from a robust design and a metalized chassis.

In addition, to ensure operator safety, the TMM provides:

- Stabilizers (as standard).
- FOPS/ROPS certified cabin.
- Driver presence detector.
- Effective 3-wheel brake..
- Differential locking system for the best traction on difficult terrain.

MAINTENANCE



Metalized

for the machine.

Ensures a long service life

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With its three "4-way" (multi-directional) models the TMM 20-4W, 25-4W and TMT 25S 4W enable you to move long loads and to access confined spaces.

With the touch of a button, the front wheels of your 4W machine are put in a lateral position.

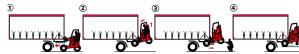
MOUNTING KIT



FRAME ATTACHMENT (REAR)

Two possible mounting systems at the rear of your trucks:

- Telescopic system: sleeves + 2 sliders
- Chains system: sleeves + 2 chains.





Chain kit

Complete chain kit: chains + sleeves + RIG (Rear Impact Guard)

For TMT machines, an additional welding chain support kit is available (part no. 605146). Part no. 521015830PT Compatibility: TMT and TMM

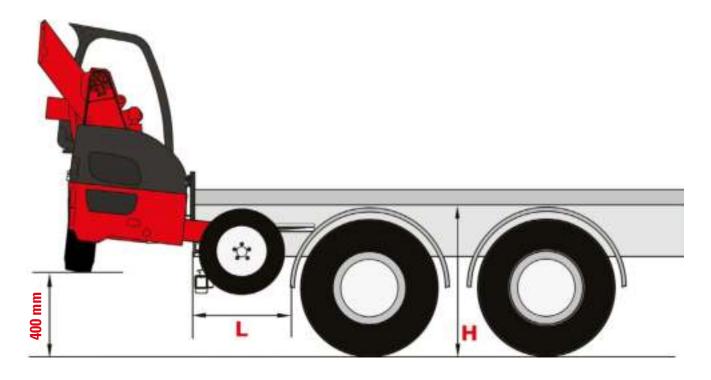
Telescopic kit

Kit: universal telescopic supports with 1100 mm sleeves (2000 mm for the TMT27P) and RIG

Part nos. 521015850PT and 521015860PT for TMT27P Compatibility: TMT and TMM

MOUNTING KIT

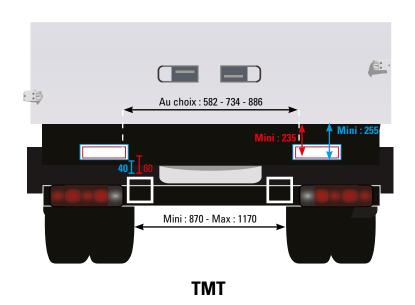
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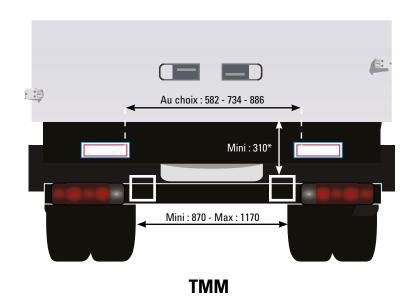


| | | TMT 25I | TMT 25S TMT 25S 4W | TMT 27S | TMT 27P | TMM 20 TMM 20 4W | TMM 25 TMM 25 4W | TMM Tires 10x16,5-10 |
|---|--|---------|-----------------------|---------|---------|---------------------|---------------------|-------------------------|
| Н | Distance between bottom of trailer and the ground | 1070 | 1070 | 1070 | 1070 | 1070 | 1070 | 1070 |
| L | Distance between the rear wheel mudguard and the back of the trailer | 830 | 850 | 1140 | 1110 | 810 | 870 | 900 |

Existing kits

If you already have a kit on your trailer(s), here is the data you need to find out if you can use it with our machines.





----- Sleeves for telescopic forks 197 x 75 mm (plus a set of wedges to position standard forks).

⁻⁻⁻⁻⁻ Sleeves for standard forks: 177 x 55 mm.

^{*} depends on the type of tire: 310 mm with 23x9-10 tires, 350 mm with 27x10-12 tires and 400 mm with 10x16.5-10 tires.





Versatile machines

For all your activities, there is a solution at hand with the TMF machines.





Cabin height (TMT)

Three cabin heights are available:

- 2.20 m in standard configuration
- 2.00 m
- 2.40 m



Selection of options and attachments

Tires

Depending on the TMF version, you have a wide choice of tires. Choosing suitable tires ensures efficient use and reduced maintenance costs.



18x7-8 16pr Industrial



2 sizes: 23x9-10 et 27x10-12 All-road



10x16.5-10 Rough-terrain



2 dimensions: 280/60-15.5 et 31x15.5-15 Agriculture

Stabilised soils

Mixed floors

Unstable soils

Movable floors



Long load supports

Placed on the arms of your machine, the supports are raised to receive long loads, while protecting your machine and the safety of the working environment.



Carriage roller

Thanks to its rollers fitted under the load backrest, the operator can maintain the nominal capacity over the full width of the trailer.



Integrated fork positionner

The integrated fork positioner enables the user to move the forks and adjust them to the load without getting out of the machine. Guaranteed productivity gains!



| | | TMT25I | TMT25S | TMT25S 4W | TMT27S | TMT25P | TMT27P | TMM20 | TMM25 | TMM20 4W | TMM25 4W |
|-------------------|--|--------|--------|-----------|--------|--------|--------|-------|-------|----------|----------|
| | Full visibility duplex mast 3.00 m | - | - | - | - | - | - | S | S | S | S |
| MASTS | Full visibility duplex mast 3.60 m | - | - | - | - | - | - | 0 | 0 | 0 | 0 |
| | Full visibility duplex mast 3.90 m | - | - | - | - | - | - | 0 | 0 | 0 | 0 |
| | Mast side-shift | - | - | - | - | - | - | S | S | S | S |
| | Integrated carriage ISO 2A | S | S | S | S | S | S | S | S | S | S |
| | Carriage roller | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - |
| ATTACHMENTS | Extensor | - | - | - | - | - | - | 0 | S | 0 | S |
| | Telescopic forks | - | - | - | - | - | - | S | 0 | S | 0 |
| | Additional telescopic forks | - | - | - | - | - | - | 0 | 0 | 0 | 0 |
| | Integrated fork positioner | - | - | - | - | - | - | 0 | 0 | 0 | 0 |
| | Telescopic boom with integrated side shift | S | S | S | S | S | S | - | - | - | - |
| | Stabilizers | - | S | S | S | - | - | S | S | S | S |
| | FNR handling lever | S | S | S | S | S | S | S | S | S | S |
| | 3 braked-wheel drive with hydrostatic transmission | S* | S | S | S | S* | S | S | S | S | S |
| FEATURES | Aggravating movement cut-off in case of overload | S | S | S | S | S | S | - | - | - | - |
| | Multi-directional (4-ways) | - | - | S | - | - | - | - | - | S | S |
| | Hydraulic long load supports | - | - | 0 | - | - | - | - | - | 0 | 0 |
| | Mechanical long load supports | - | - | 0 | - | - | - | - | - | 0 | 0 |
| | Extra hydraulic line with quick couplers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | FOPS/ROPS overhead guard | S | S | S | S | S | S | S | S | S | S |
| | Cabin height 2.00 m | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - |
| | Cabin height 2.20m | S | S | S | S | S | S | - | - | - | - |
| | Cabin height 2.40m | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - |
| CABIN / COMFORT | Skaï seat | S | S | S | S | S | S | S | S | S | S |
| CADIN / CUIVITUNI | Primo seat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Protective seat cover | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Internal and external right-hand rear-view mirror | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Document holder | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - |
| | Transparent roof protection | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | TMT25I | TMT25S | TMT25S 4W | TMT27S | TMT25P | TMT27P | TMM20 | TMM25 | TMM20 4W | TMM25 4W |
|-----------|---|--------|--------|-----------|--------|--------|--------|-------|-------|----------|----------|
| | Road light package | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Front and rear working lights | 0 | 0 | 0 | 0 | S | S | 0 | 0 | 0 | 0 |
| LIGHTS | Poultry work lights (blue) | - | - | - | - | S | S | - | - | - | - |
| | Flashing lights | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rotating beacon light | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Left-hand safety belt | S | S | S | S | S | S | S | S | S | S |
| | Right-hand safety belt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Reversing warning buzzer | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Truck plug connector 24 V 2x7 pin | S | S | S | S | S | S | S | S | S | S |
| SAFETY | Truck plug connector 24 V 1x15 pin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SAFELL | Self-cleaning pre-filter | 0 | 0 | 0 | 0 | S | S | 0 | 0 | 0 | 0 |
| | Reinforced oil cooling | 0 | 0 | 0 | S | S | S | - | - | - | - |
| | Speed reducer (6km/h) forward/reverse direction | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - |
| | Increased travel speed (13km/h) | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - |
| | Load back rest | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - |
| | Pneumatic tires | S | S | S | S | S | S | S | S | S | S |
| TIRES | Foam-filled tires | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - |
| | Spare wheel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Double powder coated | S | S | S | S | S | S | S | S | S | S |
| PAINTWORK | Metallization | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Special color | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

The specifications may vary according to the regulations in force in the country of use or if optional equipment is added.

The Manitou brand is constantly researching and developing new products and reserves the right to make changes without notice.





The model that you need!

There is a range of truck mounted forklifts between 2 and 2.7 tonnes.







TMT 251

| Capacity | kg (lbs) |
|------------------------|-----------|
| Power | |
| Engine power | kW (HP) |
| Max. liftging height | m (ft) |
| Dimensions (L x w x h) | m (ft) |
| Ground clearance | mm (ft) |
| Weight | kg (lbs) |

| 2500 (5500) |
|--|
| Diesel |
| 37 (50) |
| 3.36 (11'02) |
| 1.55 x 2.27 x 2.19 (5'08 x 7'44 x 7'18) |
| 278 (0'91) |
| 2445 (5379) |

TMT 27P

| 2700 (5940) |
|--|
| Diesel |
| 37 (50) |
| 3.41 (11'18) |
| 1.58 x 2.34 x 2.19 (5'18 x 7'67 x 7'18) |
| 278 (0'91) |
| 2525 (5555) |

TMT 255

| 2500 (5500) |
|---|
| Diesel |
| 37 (50) |
| 3.41 (11'18) |
| 1.58 x 2.34 x 2.2 (5'18 x 7'67 x 7'21) |
| 290 (0'95) |
| 2615 (5753) |





TMT 275 TMT 255 4W

TMM 20 / 4W TMM 25 / 4W

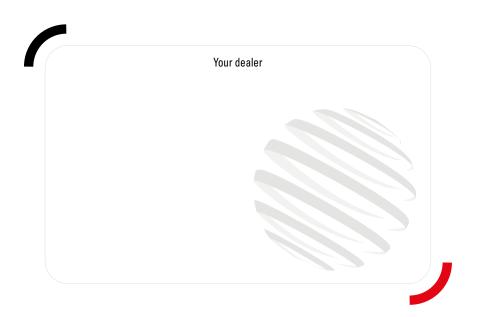
| 2700 (5940) |
|---|
| Diesel |
| 37 (50) |
| 3.41 (11'18) |
| 1.58 x 2.34 x 2.2 (5'18 x 7'67 x 7'21) |
| 290 (0'95) |
| 2645 (5819) |

| 2500 (5500) |
|---|
| Diesel |
| 37 (50) |
| 3.36 (11'02) |
| 1.58 x 2.45 x 2.2 (5'18 x 8'03 x 7'22) |
| 290 (0'95) |
| 2780 (6116) |

| Capacity | kg (lbs) |
|------------------------|-----------|
| Power | |
| Engine power | kW (HP) |
| Max. liftging height | m (ft) |
| Dimensions (L x w x h) | m (ft) |
| Ground clearance | mm (ft) |
| Weight | kg (lbs) |

| 2000 (4400) |
|--|
| Diesel |
| 18.5 (25) |
| 3 (9'84) |
| 1.4 x 2.32 x 2 (4'56 x 7'61 x 5'56) |
| 230 (0'75) |
| 2090 (4598) / 2250 |

| 2500 (5500) |
|---|
| Diesel |
| 18.5 (25) |
| 3 (9'84) |
| 1.43 x 2.4 x 2.04 (4'69 x 7'87 x 6'69) |
| 270 (0'88) |
| 2340 (5148) / 2500 |





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