

TMT & TMM RANGES
Truck-mounted forklifts







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.

3
mast heights available

Hydrostatic
Transmission

Capacities
2 & 2,5
tons

Telescopic Boom

Hydrostatic
Transmission

Capacities
2,5 & 2,7
tons



TMM



TMT



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!





KONSTRUKTIONEN
KMH
MASSIVHOLZ
B
DE CO
UCTI

60
km

S. T.

KÜGEL

TMT

Truck mounted forklifts

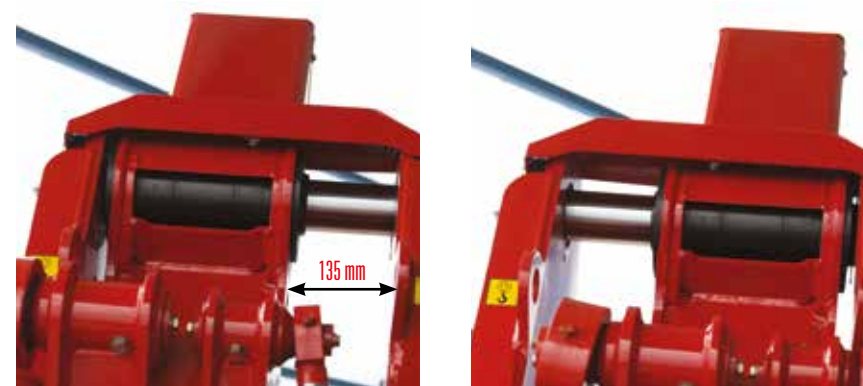


PRODUCTIVITY & PERFORMANCE

A boom with sidsift

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.





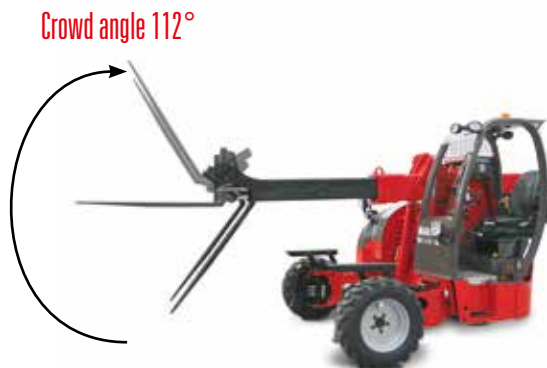
Engine and transmission

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



Max.height 3,40 m



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



Hoses & hydraulics
Reinforced and protected inside the boom.

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

Access to components
Large removable covers allow you to reach the components quickly and easily, optimising maintenance time and costs.

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

Conception
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.





Masted truck-mounted forklifts





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.





Lifting height
3 to 3.9
m

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



Hoses
Reinforced

Fuse box
Easy access.
Waterproof housing.

Chassis
Reinforced and metallized chassis to ensure durability and good behaviour of the machine over time.

Access to components
Access components quickly and easily thanks to the two covers (engine and front), optimizing your time and maintenance costs.

Metallized
Ensures a long service life for the machine.



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.

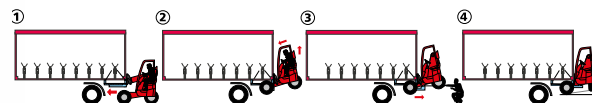
MOUNTING KIT



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. 52101583OPT
Compatibility: TMT and TMM



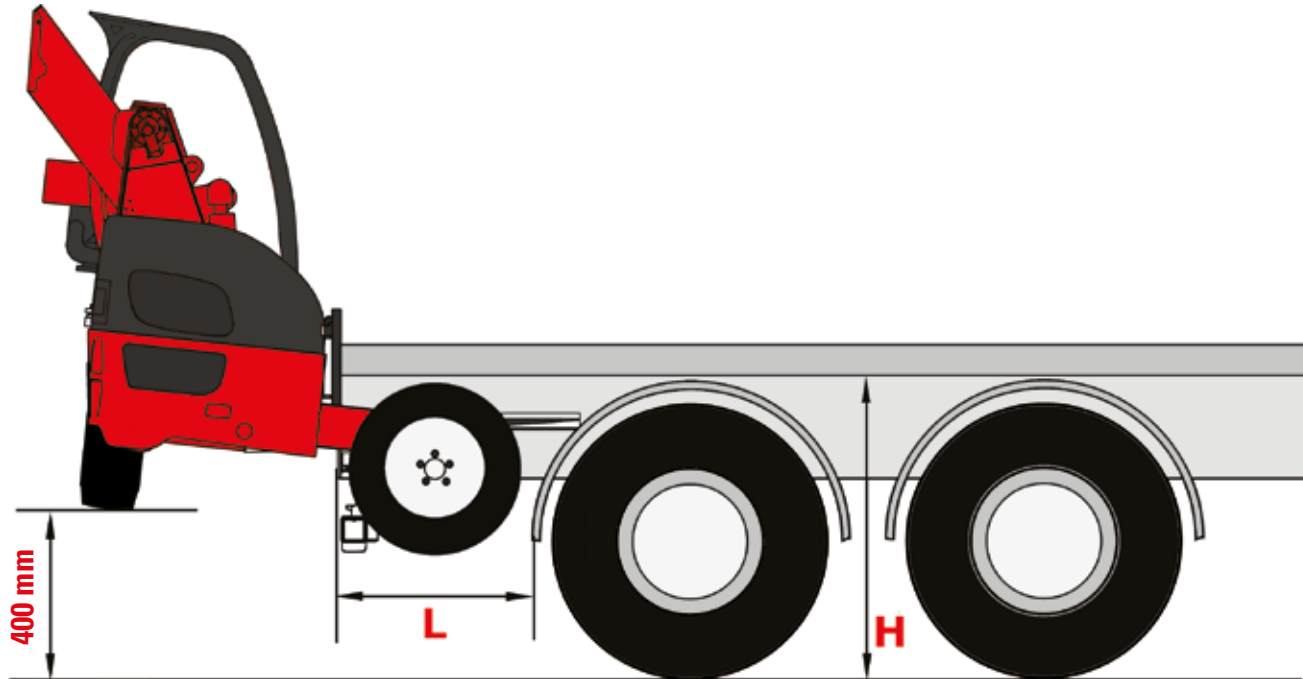
Telescopic kit

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

Part nos. 52101585OPT and 52101586OPT for TMT27P
Compatibility: TMT and TMM

MOUNTING KIT

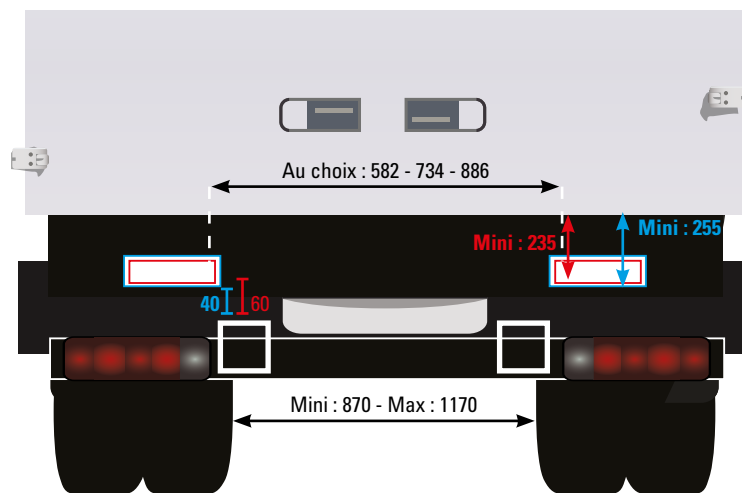
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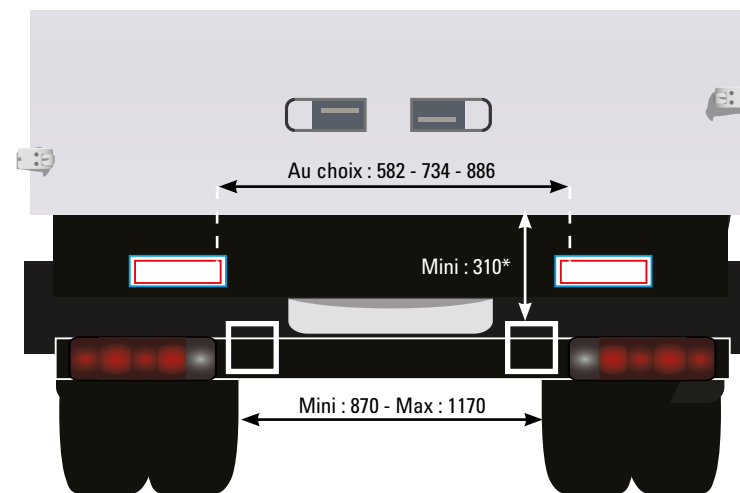
		TMT 25I	TMT 25S TMT 25S 4W	TMT 27S	TMT 27P	TMM 20 TMM 20 4W	TMM 25 TMM 25 4W	TMM Tires 10x16,5-10
H	Distance between bottom of trailer and the ground	1070	1070	1070	1070	1070	1070	1070
L	Distance between the rear wheel mudguard and the back of the trailer	830	850	1140	1110	810	870	900

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.



TMT



TMM

----- 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.





For all your applications !

The range of truck mounted forklifts brings you extra service to the last mile of delivery. Confined spaces, long loads, construction sites, etc. Deliver easily to all these places with TMM and TMT forklifts

Versatile machines

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



EVENTS
AGRICULTURE
INDUSTRIES
DISTRIBUTION



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

Stabilised soils



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

Mixed floors



10x16.5-10
Rough-terrain

Unstable soils



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

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 positioner

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	TMT27P	TMM20	TMM25	TMM20 4W	TMM25 4W
MASTS	Full visibility duplex mast 3.00 m	-	-	-	-	-	S	S	S	S
	Full visibility duplex mast 3.60 m	-	-	-	-	-	0	0	0	0
	Full visibility duplex mast 3.90 m	-	-	-	-	-	0	0	0	0
ATTACHMENTS	Mast side-shift	-	-	-	-	-	S	S	S	S
	Integrated carriage ISO 2A	S	S	S	S	S	S	S	S	S
	Carriage roller	0	0	0	0	0	-	-	-	-
	Extensor or telescopic forks	-	-	-	-	-	S	S	S	S
	Telescopic forks and extensor	-	-	-	-	-	0	0	0	0
	Additional telescopic fork	-	-	-	-	-	0	0	0	0
	Integrated fork positioner	-	-	-	-	-	0	0	0	0
FEATURES	Telescopic boom with integrated side shift	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
	3 braked-wheel drive with hydrostatic transmission	S*	S	S	S	S	S	S	S	S
	Aggravating movement cut-off in case of overload	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	
CABIN / COMFORT	FOPS/ROPS overhead guard	S	S	S	S	S	S	S	S	S
	Cabin height 2.00 m	0	0	0	0	0	-	-	-	-
	Cabin height 2.20 m	S	S	S	S	S	-	-	-	-
	Cabin height 2.40 m	0	0	0	0	0	-	-	-	-
	MUL 020 seat	S	S	S	S	S	S	S	S	S
	Primo seat	0	0	0	0	0	0	0	0	0
	Protective seat cover	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
	Document holder	0	0	0	0	0	-	-	-	-
	Roof protection	0	0	0	0	0	0	0	0	0

		TMT25I	TMT25S	TMT25S 4W	TMT27S	TMT27P	TMM20	TMM25	TMM20 4W	TMM25 4W
LIGHTS	LED road light package	0	0	0	0	0	0	0	0	0
	LED front and rear working lights	0	0	0	0	S	0	0	0	0
	LED poultry work lights (blue)	-	-	-	-	S	-	-	-	-
	LED flashing lights	0	0	0	0	0	0	0	0	0
	LED rotating beacon light	0	0	0	0	0	0	0	0	0
SAFETY	Left-hand safety belt	S	S	S	S	S	S	S	S	S
	Right-hand safety belt	0	0	0	0	0	0	0	0	0
	Reversing warning buzzer	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
	Truck plug connector 24 V 1x15 pin	0	0	0	0	0	0	0	0	0
	Self-cleaning pre-filter	0	0	0	0	S	0	0	0	0
	Reinforced oil cooling	0	0	0	S	S	-	-	-	-
	Speed reducer (6km/h) forward/reverse direction	0	0	0	0	0	-	-	-	-
	Increased travel speed (13km/h)	0	0	0	0	0	-	-	-	-
	Load back rest	0	0	0	0	0	-	-	-	-
TIRES	Pneumatic tires	S	S	S	S	S	S	S	S	S
	Foam-filled tires	0	0	0	0	0	-	-	-	-
	Spare wheel	0	0	0	0	0	0	0	0	0
PAINTWORK	Metallization	S	S	S	S	S	S	S	S	S
	Special color	0	0	0	0	0	0	0	0	0

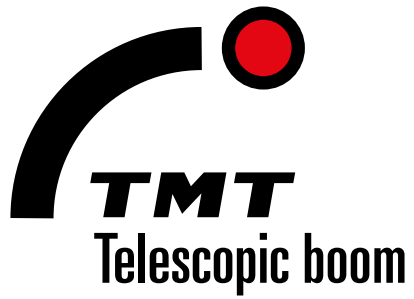
The specifications may vary according to the regulations in force in the country of use or if optional equipment is added.
The Manitou brand is constantly researching and developing new products and reserves the right to make changes without notice.





The model that you need !

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



TMT
Telescopic boom



TMT 251

Capacity	kg (lbs)
Power	
Engine power	kW (HP)
Max. lifting 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 25S

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 27S TMT 25S 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. lifting height	m (ft)
Dimensions (L x w x h)	m (ft)
Ground clearance	mm (ft)
Weight	kg (lbs)

2000 (4400)
Diesel
26.5 (35)
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
26.5 (35)
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

Your dealer



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