

# MANISCOPIC

## ■ MT 625 T



### THE MANITOU POWER PACK

- Load capacity: 2500 kg
- Max. lifting height: 5.85 m
- Height: 1.92 m
- Width: 1.82 m
- 2 speed hydrostatic transmission

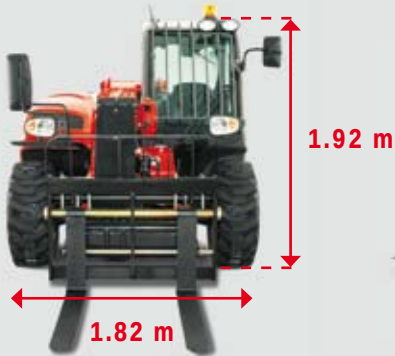
# COMPACTNESS

## YOU NEED TO HAVE ACCESS EVERYWHERE

As your work conditions become increasingly demanding, and you have to operate on narrow, busy sites, MANITOU has designed the forklift truck to meet your needs.

The **COMPACT SIZE** of the MT625 is ideal for your site where space is at a premium.

Under 2 m in height



to access low headroom and narrow entrances

Good ground clearance



to work on uneven ground conditions

Excellent turning radius



with **4 WHEEL STEERING** for easy manoeuvring  
**3 steering modes**



**STURDY AND AGILE,  
THE 4 WHEEL DRIVE  
MT 625 GOES  
EVERYWHERE.**





# EFFICIENCY

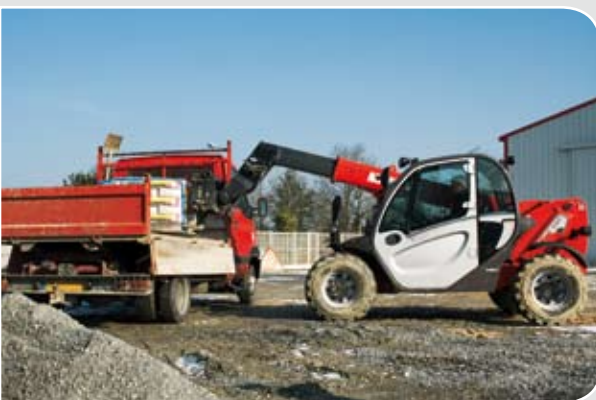
## YOU EXPECT A LOT FROM YOUR FORKLIFT TRUCK

Whatever the work site, you need to maximise the potential of your forklift to ensure total productivity and increased utilisation.

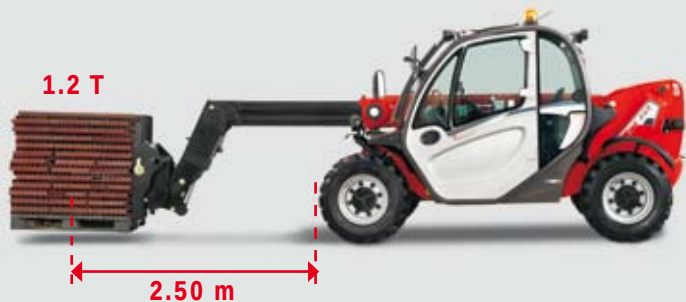
**Robust and reliable**, the MT 625 is your solution for optimum **EFFICIENCY** on today's modern sites.



- Load placing 2 T up to 5.85 m



- Unload a lorry from just one side or place a 1.2 T pallet 2.50 m in front of the wheels, and up to 800 kg at 3.40 m.



- Loading of bulk materials



The **versatile** MT 625 can be fitted with a large range of attachments.

# SIMPLICITY

## YOU WANT A FORKLIFT TRUCK THAT IS EASY TO OPERATE

The ergonomic design of the MT625 is to meet your need for **SIMPLICITY**.

Why not try out its **10 second start-up**:

- Cabin access with no step
- Comfort seat
- Intuitive engine starting and handling JSM (Joystick Switch & Move®) joystick control



360° VISIBILITY



## INTUITIVE HANDLING

The innovative JSM multifunction joystick fits naturally into the palm of the hand while leaving the forearm leaning on the armrest allowing the operator to work with optimum efficiency.

As a single control combining all handling functions, including operating forward/reverse selection, the **JSM enables the operator to keep one hand on the wheel at all times.**

- 1 Operating direction selector, forward/reverse or neutral
- 2 Telescope boom extension and retraction roller
- 3 Optional auxiliary equipment function roller



All the telescope boom functions are proportional and independent.

## CAB COMFORT FOR EVERYBODY



LOW IN-CAB SOUND LEVELS: 76 DB

## EASY TO USE INSTRUMENT PANEL

- The latest technology designed digital display instrument panel puts the operator in control with **easy to read**: hourmeter, fuel level, automatic servicing schedule reminder, operating direction in gear and display of diagnostic codes for servicing.
- The control switches, indicator lights and the load sensing indicator are all **perfectly visible and user friendly**.
- The **transport safety** control neutralises the JSM so as to avoid involuntary movements.



The emergency stop button located next to the JSM can be used to stop the engine.



# LONG SERVICE LIFE

## YOU WANT A FORKLIFT TRUCK YOU CAN RELY ON EVERY DAY

With the MT 625 you have the benefit of MANITOU expertise in Rough-Terrain design. The chassis structure and all components have been developed to withstand arduous work cycles, ensuring a **LONG SERVICE LIFE**.



Servicing is made easier through the easy accessibility of mechanical components plus the display of scheduled servicing intervals and diagnostic codes on the instrument panel.

Our network of qualified technicians is at your disposal through the global MANITOU dealer network.

## REACTIVITY AND FLEXIBILITY

The **precision of the hydrostatic transmission** with its electronic governing **makes for safe operation** on busy building sites.

To increase handling speed, the inching function enables boom movements to be accelerated while gradually reducing the forklift truck's forward speed.



To adjust the speed to operating conditions, there is a switch on the instrument panel to select:

- on-site speed 7 kmh
- road speed (hare) 25 kmh

## FOR IMPROVED ENVIRONMENTAL FRIENDLINESS

The engine **has been designed to comply with Euro 3A regulation** which is the strictest in this power range:

- direct injection **KUBOTA 3307-T-E3B**
- 55,4 kW/75 HP
- Max. torque 265 Nm at 1400 rpm

It has been specially designed to obtain a 25 % decrease in the number of particle emissions (PM).

Selecting the speed appropriate for operating conditions (site/road) **also helps to optimise fuel consumption.**



KUBOTA

## MT 625 MODELS

■ Standard\* / ● Option / - Unavailable

|                                                                                 | MT 625 Turbo | MT 625 T <small>COMFORT</small> |
|---------------------------------------------------------------------------------|--------------|---------------------------------|
| <b>Cab</b>                                                                      |              |                                 |
| Complete enclosed cab with heating/demisting (ROPS/FOPS)                        | ■            | ■                               |
| Air conditioning                                                                | -            | ●                               |
| Adjustable seat with waterproof upholstery                                      | ■            | ■                               |
| Adjustable seat, cloth-covered                                                  | -            | ●                               |
| JSM                                                                             | ■            | ■                               |
| Adjustable steering column                                                      | -            | ■                               |
| Roof light                                                                      | -            | ■                               |
| Digital display instrument panel                                                | ■            | ■                               |
| Armrest/built-in parcel tray with grommet for cellphone charger                 | ■            | ■                               |
| 12 V outlet/cigar lighter                                                       | ■            | ■                               |
| Document net                                                                    | ■            | ■                               |
| Document box                                                                    | ●            | ●                               |
| Interior rearview mirror                                                        | ●            | ●                               |
| Windscreen and roof sun visor                                                   | -            | ■                               |
| Front windscreen wiper and washer – Rear windscreen wiper                       | ■            | ■                               |
| Roof window windscreen wiper                                                    | -            | ■                               |
| Electric rear window defrosting                                                 | -            | ●                               |
| Cab finishing with radio mounting console                                       | -            | ■                               |
| Radio tuner or CD/MP3 player + speakers                                         | -            | ●                               |
| <b>Hydrostatic transmission</b>                                                 |              |                                 |
| Proportional inching function                                                   | ■            | ■                               |
| Speed selector (road/building site)                                             | ■            | ■                               |
| <b>Safety features</b>                                                          |              |                                 |
| Load status indicator                                                           | ■            | ■                               |
| Emergency stop button                                                           | ■            | ■                               |
| Rear wheel alignment signal light                                               | ■            | ■                               |
| Hydraulic movements cut-out                                                     | ■            | -                               |
| Aggravating movements cut-out                                                   | ●            | ■                               |
| Lighting: main beam, stop lights, direction indicators, fog lamp, reverse light | ■            | ■                               |
| Rotary beacon                                                                   | ■            | ■                               |
| Front (x2) and rear (x2) working lights                                         | ●            | ■                               |
| Reversing sound alarm                                                           | ■            | ■                               |
| Windscreen guard                                                                | ●            | ●                               |
| Rearview mirror                                                                 | ●            | ●                               |
| <b>Other</b>                                                                    |              |                                 |
| Hydraulic circuit at the head of the boom                                       | ●            | ■                               |
| Hydraulic optional equipment locking                                            | ●            | ●                               |
| Optional equipment: buckets, side-shift carriage, load back rest...             | ●            | ●                               |

\* The standard equipment may vary.

## MT 625 T

 **Lifting capacity** ..... 2500 kg  
at 500 mm from forks heels  
Tipping load at max reach ..... 1040 kg  
Break out force  
as per standard ISO 8313-1986 ..... 3427 daN

 **Lifting height** ..... 5.85 m  
**Time:** laden/unladen (in s)  
Lifting ..... 8/8  
Lowering ..... 5.4/5.3  
Telescope  
Extension ..... 5.6/5.9  
Retraction ..... 4.3/4  
Time unladen (in s)  
Crowd ..... 3.5  
Dump ..... 3.6

 **Front/rear tyres**  
12-16.5 SKS CL TUBELESS

 **Forks (mm)**  
Length ..... 1200  
Width x thickness ..... 125 x 45

 **Oil immersed multidisc brake**

 **KUBOTA engine**  
**Type** ..... V3307-DI-T-E3B  
Capacity ..... 4 cylindres/3331 cm<sup>3</sup>  
Power (ISO/TR 14396)  
Turbo ..... 75 hp/55.4 kW  
Max. torque. (ISO/TR 14396) ..... 265 Nm at 1400 tr/mn  
Injection ..... direct  
Cooling ..... water

 **Transmission** ..... hydrostatic  
Gear reverser ..... electro - hydraulic  
Speed forward and reverse ..... 2/2

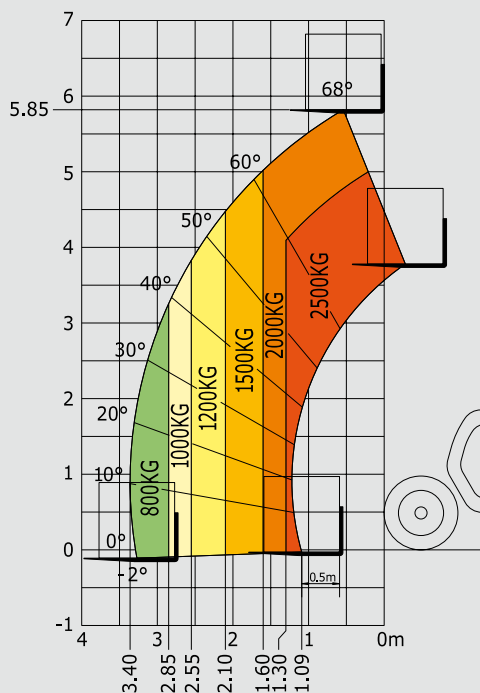
 **Hydraulics**  
Gear pump ..... 87.9 l./mn at 235 bar  
Flow divider priority for steering

 **Capacities**  
Cooling system ..... 12 l.  
Transmission oil ..... 85 l.  
Engine oil ..... 11.2 l.  
Fuel tank ..... 63 l.

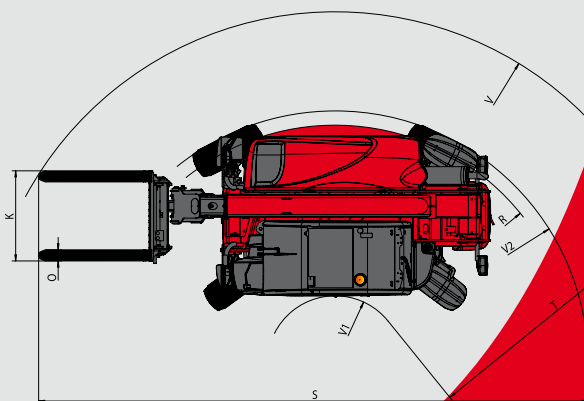
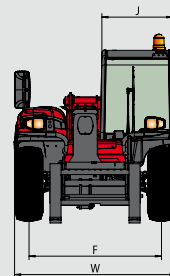
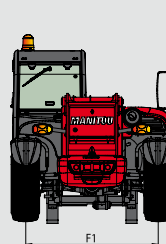
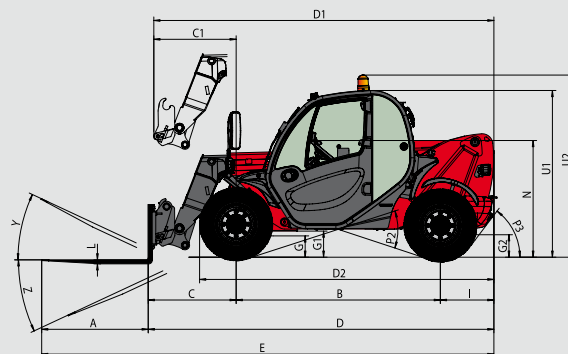
 **Empty weight (with forks)** ..... 4710 kg  
Overall **Width** ..... 1.82 m  
Overall **Height** ..... 1.92 m  
**Turning radius** (outer wheels) ..... 3.30 m  
**Length** at carriage ..... 3.90 m  
**Ground clearance** ..... 0.33 m  
**Drawbar pull** ..... 4170 daN

The indicated specifications are not binding on the maker and may be modified without notice.  
The Manitou trucks presented in this brochure may be fitted with optional items of equipment.

Maximum height reach: 0.66 m



As per standard EN 1459 Annex B



| MT 625 T |        |
|----------|--------|
| A        | 1200   |
| B        | 2300   |
| C        | 991    |
| C1       | 928    |
| D        | 3894   |
| D1       | 3831   |
| D2       | 3275   |
| E        | 5094   |
| F        | 1492   |
| F1       | 1492   |
| G        | 240    |
| G1       | 330    |
| G2       | 253    |
| I        | 603    |
| J        | 797    |
| K        | 1015   |
| L        | 45     |
| N        | 1314   |
| O        | 125    |
| P2       | 37     |
| P3       | 52     |
| R        | 3150   |
| S        | 6651.5 |
| T        | 3935   |
| U1       | 1920   |
| U2       | 2054   |
| V        | 4700   |
| V1       | 765    |
| V2       | 3310.5 |
| W        | 1813   |
| Y        | 11.8°  |
| Z        | 116.5° |

(mm)



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