

# MANISCOPIC

**MT 1030**  
S & ST

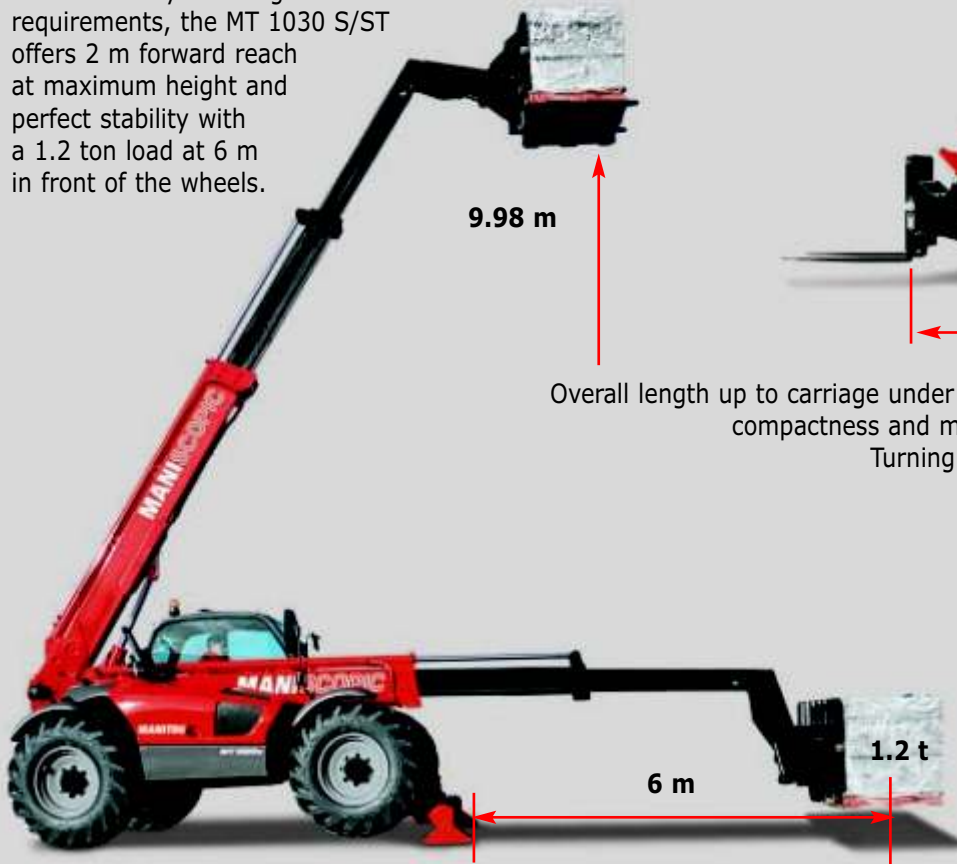


- Capacity: 3000 kg
- Lift height: 9.98 m
- Compact stabilizers
- Load Place System (LPS)
- Torque convertor transmission

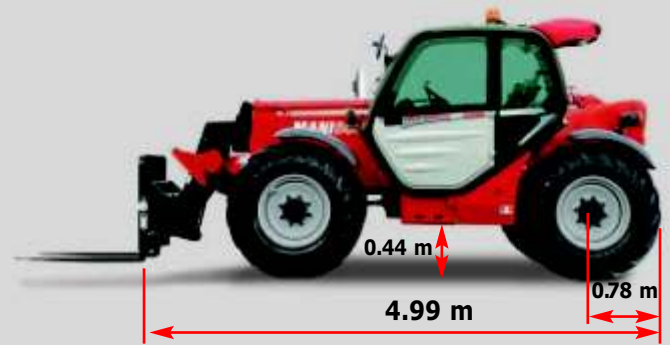
 **MANITOU**

# Exceptional lifting performances...

To match daily handling requirements, the MT 1030 S/ST offers 2 m forward reach at maximum height and perfect stability with a 1.2 ton load at 6 m in front of the wheels.



# ...without compromising compactness



Overall length up to carriage under **5 m** and short rear overhang offer all the compactness and manoeuvrability required in confined sites. Turning radius of **3.75 m** for easy manoeuvring.



Proportional and independent stabilizers lowering on a 2.21 m width. Ideal in restricted spaces with minimum damage to the surface.

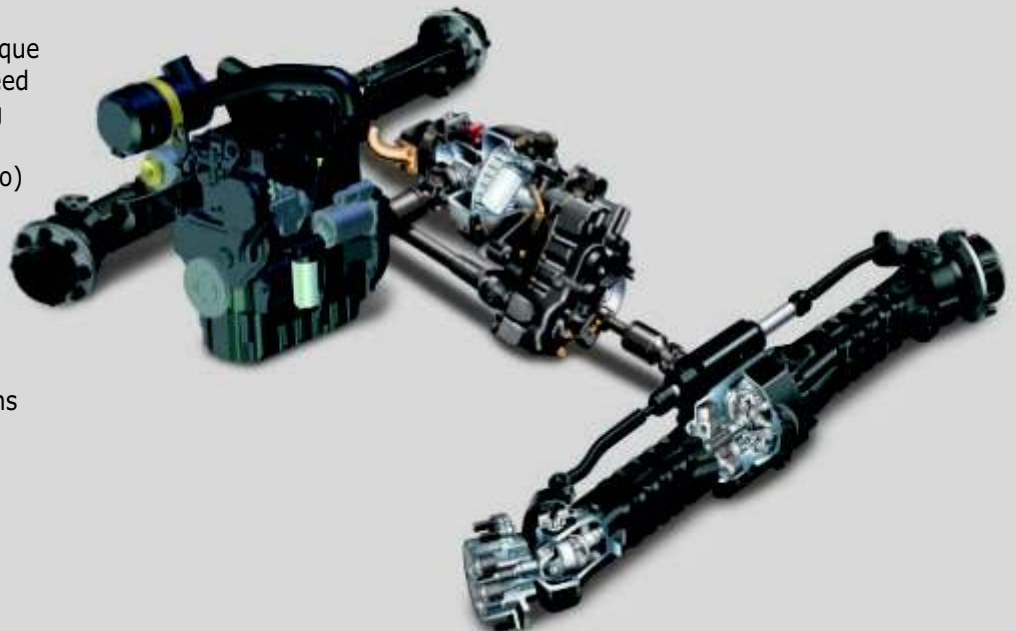
# All the power required for loading

**84 or 101 HP** Perkins Engine and torque converter transmission driving a 4 speed gear box, perfectly suited for travelling on the road.

**8200 daN** (Atmo) or **8300 daN** (Turbo) drawbar pull enabling fast achievement of any loading task.

Hydraulic Pump operating at **250 bars** and supplying a **105 l/mn** flow.

Simultaneous use of hydraulic functions and **5350 daN** tear out force.



# Efficient on site

## Load Place System (LPS)

Two proportional and simultaneous hydraulic functions in one hand.



**PLACING:**  
Lift/Lower + Tel Out/Tel In



**LOADING:**  
Lift/Lower + Crowd/Dump



Dual lever system fitted directly on valve bank. Transmission cut off switch allocating all the engine power to hydraulic performances.

In addition, the forward/reverse selector is now integrated into the **LPS**, allowing the operator to keep the left hand on the steering wheel for greater safety.



# Total safety

As well as exceptional performances, the MT 1030 S/ST operates in total safety whatever the environment or the task to undertake.



**Brakes**  
on both axles





**Progressive**  
Safe Load Indicator

\* Option :  
Automatic cut off  
of endangering  
movements





# MT 1030 S/ST


 **Lifting capacity**.....3000 kg  
at 500 mm from forks heels.  
Tipping load at maximum reach .....1160 kg  
Tear at force with toothed  
digging bucket (Iso 8313 - 1986) .....5330 daN


 **Lifting height**.....9.98 m  
**Times:** Unladen/loaded (in s)  
Lifting .....6.7/9  
Lowering .....5.2/5.4  
Simultaneous extension 1<sup>st</sup> and 2<sup>nd</sup> booms ...13.8/14.2  
Simultaneous retraction 1<sup>st</sup> and 2<sup>nd</sup> booms.....8.6/7.3  
Time unladen (in s)  
Crowding .....3  
Dumping .....2.5


 **Tyres**  
400/80 - 24 156 A8 TL


 **Forks (mm)**  
Length.....1200  
Width x thickness.....125 X 45  
Maximum distance between forks.....1040  
Carriage rotation.....126°


 **Hydraulically operated brakes**  
**with oil-immersed multi discs on both axes**

 **Perkins Engine**  
Type .....1104C-44  
Capacity.....4 cyl. 4400 cm<sup>3</sup>  
Power (ISO 14396) Atmo: .....84 HP/61.5 kw  
Turbo: .....100 HP/74.5 kw  
Maximum torque Atmo: .....302 Nm at 1400 rpm  
Turbo: .....412 Nm at 1400 tr/min  
Direct injection  
Water cooling

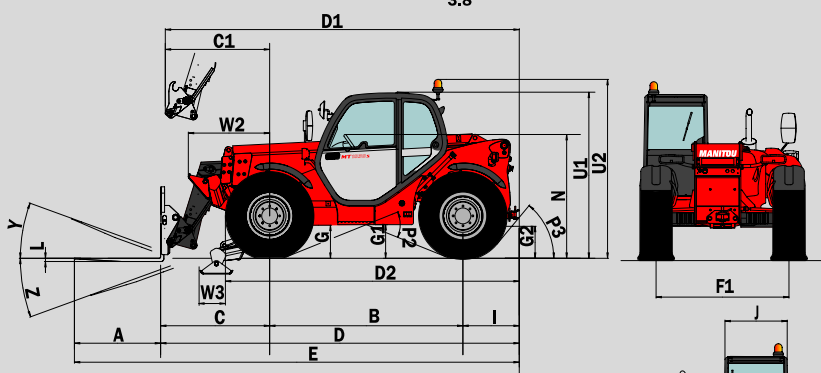
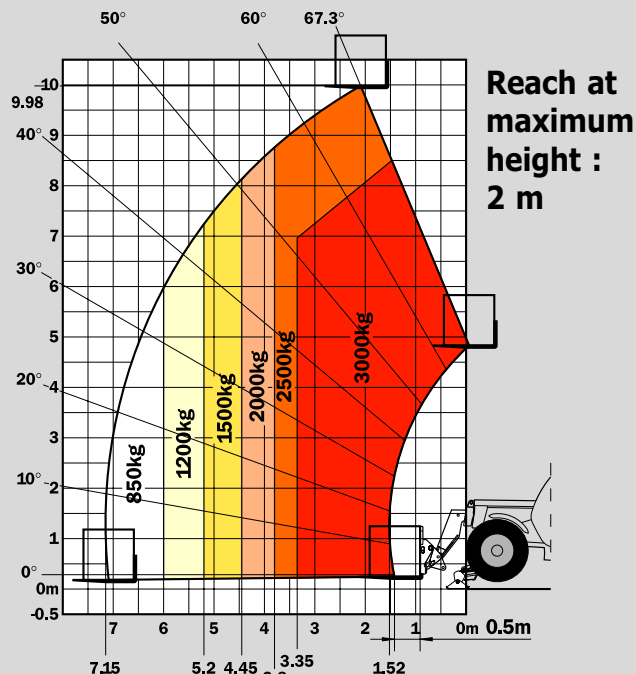
 **Transmission**.....Torque Convertor  
Electro - Forward/Reverse selector  
4 gears forward and reverse  
Maximum travel speed.....25 km/h

 **Hydraulics**  
Gear type: .....250 bars /105 l/min  
Flow divider with priority to steering and brakes.

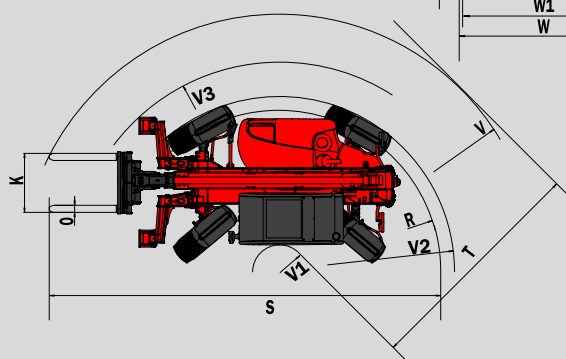
 **Capacities**  
Cooling system .....18.5 l.  
Engine oil.....10.5 l.  
Hydraulic oil .....125 l.  
Transmission oil .....15.5 l.  
Fuel tank .....120 l.

 **Weight unladen (with forks)** .....7470 kg  
**Overall width**.....2.26 m  
**Overall height**.....2.30 m  
**Turning radius (outside wheels)** .....3.75 m  
**Length up to carriage**.....4.99 m  
**Ground clearance**.....0.44 m  
**Drawbar pull**.....8200/8300 daN

Under Norme  
EN 1459  
annexe B



|    | mm   |
|----|------|
| A  | 1200 |
| B  | 2690 |
| C  | 1513 |
| C1 | 1602 |
| D  | 4992 |
| D1 | 5081 |
| D2 | 4064 |
| E  | 6192 |
| F  | 1846 |
| G  | 455  |
| G1 | 440  |
| G2 | 440  |
| G3 | 220  |
| I  | 789  |
| J  | 865  |
| K  | 1040 |
| L  | 45   |
| N  | 1690 |
| O  | 125  |
| P2 | 44°  |
| P3 | 53°  |
| R  | 3545 |
| S  | 7810 |
| T  | 3640 |
| U1 | 2300 |
| U2 | 2550 |
| V  | 4950 |
| V1 | 1310 |
| V2 | 3753 |
| V3 | 4200 |
| W  | 2261 |
| W1 | 2210 |
| W2 | 1132 |
| W3 | 340  |
| Y  | 12°  |
| Z  | 114° |



### Standard :

- Beacon
- Floating forks carriage
- Attachment hydraulic line
- Reverse alarm and lights

### Options :

- Wide range of attachments (buckets, jibs, made to measure attachments)
- Air conditioning
- Work lights
- ...

