

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...

...without compromising compactness

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.



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

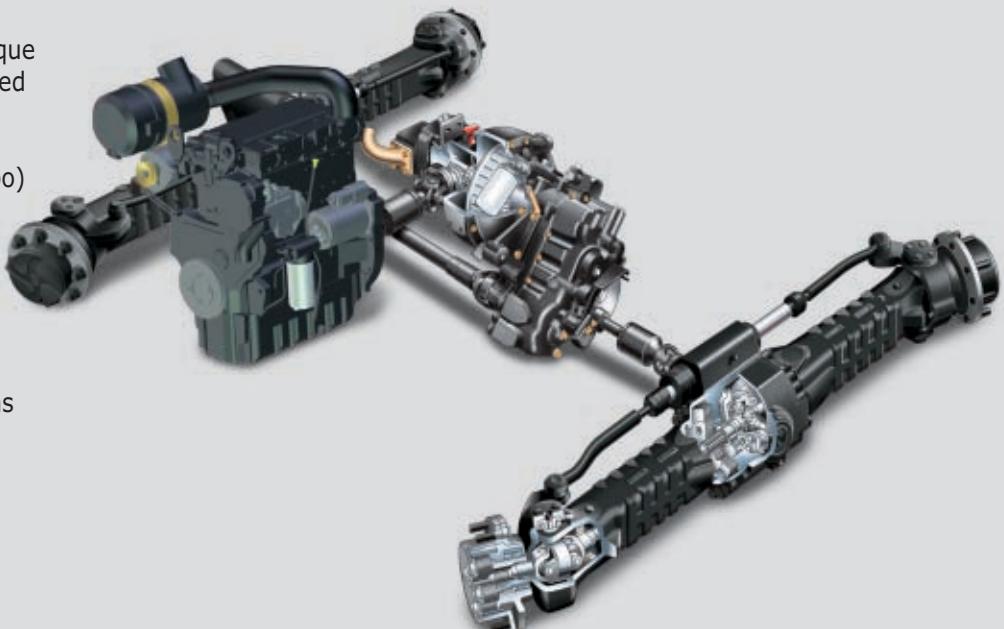
All the power required for loading

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

LPS SYSTEM :

- Simplicity
- Reliability
- Ergonomics
- Safety
- Productivity



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 1st and 2nd booms 13.8/14.2
 Simultaneous retraction 1st and 2nd 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 axles



Perkins Engine
 Type 1104C-44
 Capacity 4 cyl. 4400 cm³
 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/mn
 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/mn
 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

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