

MANISCOPIC



MHT 10210 L

Turbo

M Series



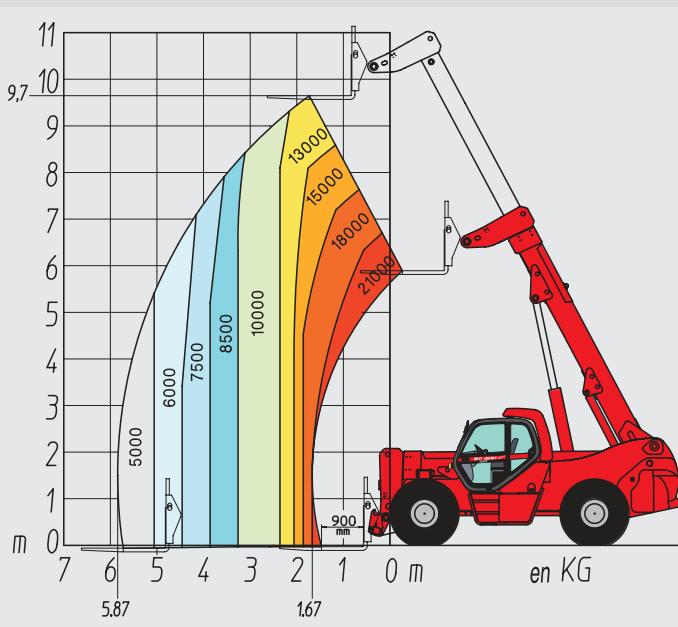
- Capacity: 21000 kg at 900 mm
- Lift height: 9.70 m
- Maximum forward reach: 5.87 m
- Engine: 175 HP
- 4 wheel steer – 4 wheel drive
- Hydrostatic transmission
- Frame levelling



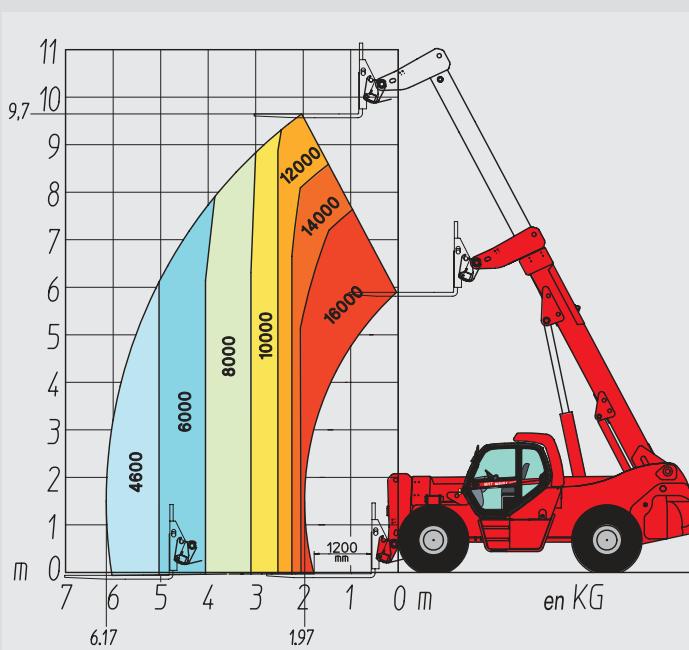
MANITOU

MHT 10210 L TURBO

LOAD CENTRE AT 900 MM



LOAD CENTRE AT 1200 MM



ENGINE

Diesel MERCEDES OM 904 LA Turbo – Intercooler – Air/Air

Capacity 4 cylinders / 4250 cm³
 Power (ISO/TR 14396) 175 HP / 129 kw
 Rated speed 2200 r.p.m.
 Maximum torque at 1200 r.p.m. 675 Nm
 Electronic injection

Fan puller
 Cooling water

Anti-polluting standards TIER 3
 Air filter (type / micron) cartridge/3
 Battery 12 Volts
 Capacity 120 Ah

CAPACITY / LIFTING HEIGHT

Load centre .....	.....at 900 mm .....	.....at 1200 mm
Lift capacity: .....	.....21000 kg .....	.....16000 kg
Capacity at max. height .....	.....13000 kg .....	.....12000 kg
Capacity at max. front reach.....	.....5000 kg .....	.....4600 kg
Lift height.....	.....9.70 m .....	.....9.70 m

Maximum front reach.....5.87 m6.17 m

TRANSMISSION

Hydrostatic transmission REXROTH

Hydrostatic variable flow pump125 cm³
 Hydrostatic variable cylinder engine.....160 cm³
 Reversing shift.....electro-magnetic
 Differential central : (inter-axes)yes

2 forward and reverse speeds:

Low speed8 km/h
 Fast speed25 km/h

HYDRAULICS

Main pump:

High pressure piston pump REXROTH Load Sensing
 Capacity:75 cm³
 Maximum pressure:350 bar
 Flow165 L/mn

Steering pump:

TypeLoad Sensing
 Maximum pressure:210 bar

Power brake circuit pump

Gear type25.7 cm³
 Capacity.....40 bar
 Maximum pressure56 L/mn

Hydraulic oil radiator:

4 electrical fans
 2 continuous fans
 2 automatic fans

Distributor:

High flow hydraulic proportional REXROTH (300 L/mn) with 4 closed centre elements

Drive type:

Proportional joystick on all movements

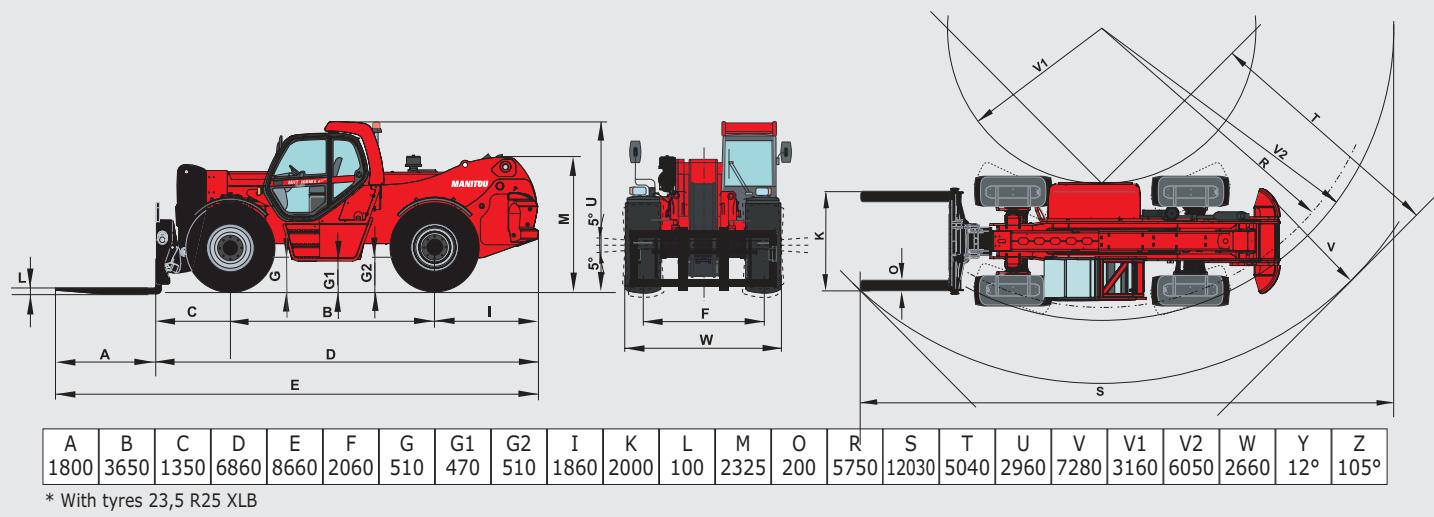
Flexibles:

TP tube type with high pressure type flexible links

Filtration degree (micron):

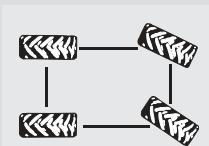
Suction .....	.....250 mic.
Return .....	.....10 mic.
Filtration air tank.....	.....10 mic.

DIAGRAMS

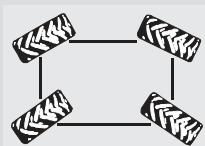


AXLES

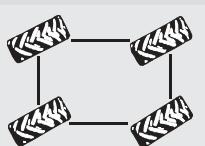
Heavy Duty axles with oil bath epicyclic reduction with 3 satellites
 Integrated steering cylinders with double action in high position
 Frame levelling.....5° /5° on front axle
 3 steering modes:



2 WHEEL STEERING



4 WHEEL STEERING



CRABSTEER

BRAKES

Type.....oil bath multidiscs in both axles
 Drive type.....Hydraulic
 Parking brake on front and rear axles
 Oil bath multidisc negative parking brake

TYRES

- Model.....23,5 R25 XLB
-ou 18.00 R25 XZM2
- Pressure8 bar
- Drawbar pull.....17400 daN

LIFTING/TELESCOPING MOTIONS

Unloaded lifting.....32 sec
 Unloaded lowering.....18.5 sec
 Unloaded extending internal telescope14 sec
 Unloaded retracting internal telescope.....11 sec

FORKS

Standard equipment.....TFF MT 2000, floating forks
 Dimensions.....200 x 100 x 1800 mm
 Weight of forks660 kg

CAPACITIES

Cooling circuit	16 L
Engine oil	8.1 L
Equipment hydraulic oil.....	.290 L
Fuel tank .....	.200 L

WEIGHT

Total weight without equipment	26890 kg
Total weight unloaded with equipment	28350 kg
Total weight laden with forks	49350 kg

Load on axle with standard equipment (unloaded)

On front axle, boom retracted	9320 kg
On rear axle, boom retracted	19030 kg

Load on axle with standard equipment (loaded)

On front axle, boom retracted	44250 kg
On rear axle, boom retracted	5100 kg

STANDARD EQUIPMENTS

- ROPS-FOPS cabin
- GRAMMER seat
- Front and rear wipers
- Driving lights
- Rotating beacon
- Left rearview mirror
- Safety device with automatic lock of aggravating movements
- Safety valves on cylinders
- Heating
- TFF

OPTIONS

- Air conditioning
- Comfort seat
- Roof wipers
- Cabin rearview mirror

Manitou, material handling world leader

Inventor of the rough terrain forklift truck, Manitou offers today the most comprehensive range to meet all specific handling and personal lifting requirements :



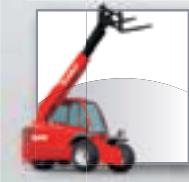
MANISCOPIC
Telescopic trucks



MANITOU
Rough terrain
and semi industrial
masted trucks



MANIACCESS
Access
equipment



Twisco
Compact
telescopic
handler



MANIHOE
Backhoe/Loader
with telescopic
boom



MANITRANSIT
Truck mounted
forklifts



MANILOADER
Articulated
wheeled loaders



MANILEC
Electric pallet trucks
and electric stackers

A network of skilled professionals at your service !

With a network of 600 service and parts centres in more than 120 countries, Manitou provides an efficient after-sales support based on the expertise of thousands of factory trained technicians.

The equipment supplied with each model may differ from that described in this leaflet.
For more details, contact your MANITOU dealer.