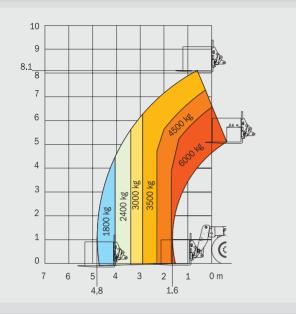
MANISCOPIC - MHT 860 L



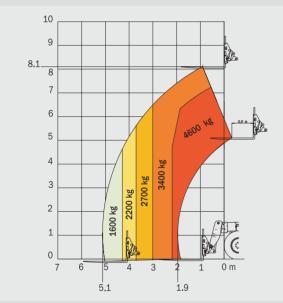


MHT 860 L TURBO

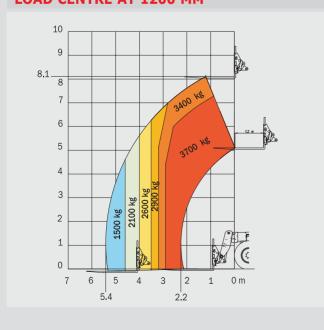
LOAD CENTRE AT 600 MM



LOAD CENTRE AT 900 MM



LOAD CENTRE AT 1200 MM



ENGINE

Diesel PERKINS 1104C-44 TA

 $\begin{array}{lll} \text{Capacity:} & \text{4 cylinders/4400 cm}^3 \\ \text{Power (ISO/TR 14396):} & \text{132 HP/97 kw} \\ \text{Rated speed} & \text{2200 r.p.m.} \\ \text{Maximum torque at 1400 r.p.m.:} & \text{500 Nm} \end{array}$

Injection directe

Fan: puller
Cooling: water
Anti-polluting standards: EUR2
Battery: 12 Volts
Capacity: 120 Ah

LIFT CAPACITY / HEIGHT

Load centre at 600 mm at 900 mm at 1200 mm

Lift capacity: 6000 kg 4600 kg 3700 kg Capacity at max. height: 3500 kg 3400 kg 3400 kg Capacity at max. front reach: 1800 kg 1600 ka 1500 kg Lift height: 8.10 m 8.10 m 8.10 m

Maximum front reach: 4.80 m 5.10 m 5.40 m

TRANSMISSION

Hydrostatic transmission

Hydrostatic pump with variable flow and continuous speed regulation Reversing shift: electro-magnetic

Differential central:
2 forward and reverse speeds:

Low speed: 10 km/h
Fast speed: 32 km/h

HYDRAULICS

Main pump: Piston Load Sensing Haute pression

Maximum pressure : 275 bar Capacity : 140 L/mn

Steering pump

Type: Load Sensing Maximum pressure: 170 bar

<u>Drive Type:</u> Proportional hydraulic joystick with 3 movement combination

1- Lifting / Crowding

2- Boom extension / Attachment

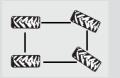
3- Lifting / Boom extension

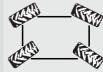
AXLES

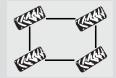
HURTH "Heavy Duty", oil bath with epicycloïdal reduction with 4 satelites Integrated steering cylinders with double action in high position

Frame levelling 10°/10° on front axle

3 steering modes:





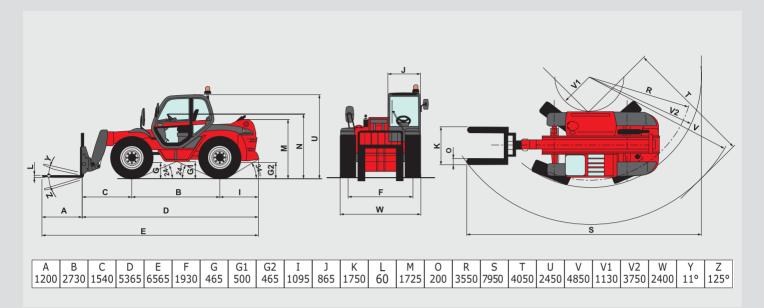


2 wheel steering

4 wheel steering

Crabsteer

DIAGRAMS



BRAKES

oil bath multidisc Type: Drive type: hydraulic On axle: front + rear

Parking brake on front axles:

Oil bath multidisc negative parking brake.

TYRES

Model: 18 - 22.5 16 PR Pressure: 5 bar 11200 daN Drawbar pull:

LIFTING/TELESCOPING MOTIONS

Unladen lifting: 9.8 sec Unladen lowering: 7.8 sec

Unladen extending internal telescope: 11.3 sec Unladen retracting internal telescope: 6.7 sec

FORKS

Dimensions: 200 x 60 x 1200 mm Weight of forks carriage: 780 kg

WEIGHT

On rear axle, boom retracted:

Total weight without equipment : Total weight with equipment : Total weight laden with forks :	10735 kg 11515 kg 17515 kg
<u>Load on axle with standard equipment (unladen)</u> On front axle, boom retracted: On rear axle, boom retracted:	4500 kg 7015 kg
<u>Load on axle with standard equipment (laden)</u> On front axle, boom retracted :	15695 kg

CAPACITIES

Cooling circuit: 15 L Engine oil: 8.1 L 120 L Equipment hydraulic oil Fuel tank: 118 L

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 movments
- Safety valves on cylinders
- Heating

OPTIONS

- Air conditioning
- Comfort seat
- Roof wipers

1820 kg

- Cabin rearview mirror
- Tyres 445/70 R24

MHT 860 L TURBO

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:



Telescopic trucks

MANISCOPIC

Rough terrain and semi industrial masted trucks

MANITOU

Access equipment

MANIACCESS

Compact telescopic handler

Twisco

Truck mounted forklifts

MANITRANSIT

Backhoe/Loader with telescopic boom

MANIHOE

Swinging arm and articulated wheeled loaders

MANILOADER

Electric pallet trucks and electric stackers

MANILEC



This publication in no way constitutes an offer and the company reserves the right to alter specification without prior notice. The MANITOU models presented in this brochure can be supplied complete with optional equipment attachments.

A network of skilled professionals at your service

With a network of 500 service and parts centres in more than 100 countries, Manitou provides an efficient after-sales support based on the expertise of 2000 factory trained technicians.



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