

MANISCOPIC

MT 1235
S & ST



- Maximum lifting height : 12 m
- Capacity : 3500 kg
- Maximum forward reach : 8.36 m
- Torque convertor
- Hydraulic stabilizers



MANITOU

MT 1235 S/ST



Lifting capacity3500 kg
at 500 mm from forks heels.
Tipping load at maximum reach :1460 kg
Tear out force with bucket
to ISO 8313.....7000 daN



Lifting height :12 m
Times : unladen / loaded (in s)
Lifting10.8/11.2
Lowering7.3/7
Simultaneous extension 1st and 2nd booms..22.6/22.9
Simultaneous retraction 1st and 2nd booms..17.4/16.7
Time unladen (in s)
Crowd4.3
Dump3.4



Tyres
400/80 -24 TL 156 B



Forks (mm)
Length1200
Width x thickness125 X 45
Maximum distance between forks.....1040
Carriage rotation.....124°



Multidisc brakes - hydraulically assisted on both axles



PERKINS Engine
Type1104C.44/1104C.44 Turbo
Capacity 4 cylindres - 4400 cm³
Power (ISO/TR 14396) :82 HP/61.5 kw
at 2200 rpm Turbo :100 HP/74.5 kw
Maximum torque302 Nm at 1400 rpm
Turbo :412 Nm at 1400 rpm
Direct Injection
Water Cooling



TransmissionTorque convertor
Electro-hydraulic reversing shift
4 speeds forward and reverse
Maximum travel speed25 km/h



Hydraulics
Lifting/tilting pump
gear type:260 bars/105 l/mn
Flow divider with priority to steering and brakes

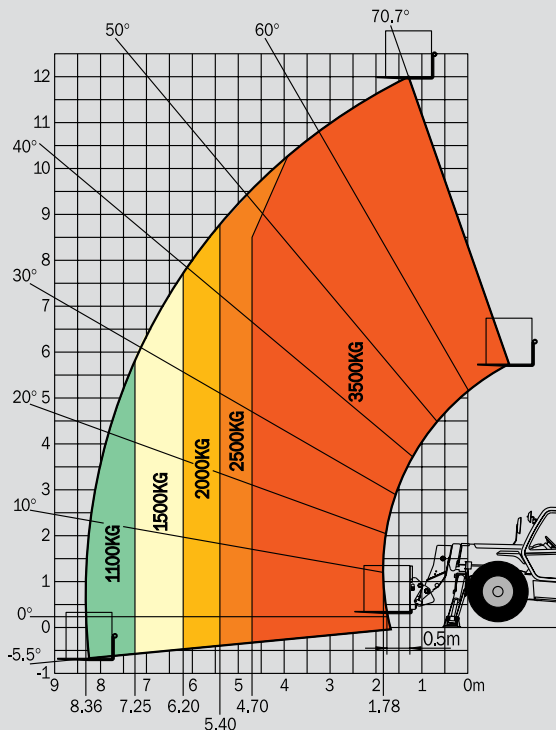


Capacities
Cooling system18.5 l.
Engine oil10.5 l. (Turbo 11 l.)
Hydraulic oil120 l.
Transmission oil16 l.
Fuel tank135 l.



Weight unladen (with forks)8960 kg
Overall width2.40 m
Overall height2.57 m
Turning radius (outside wheels)4.15 m
Overall length5.59 m
Ground clearance0.45 m
Drawbar pull7500/8600 daN

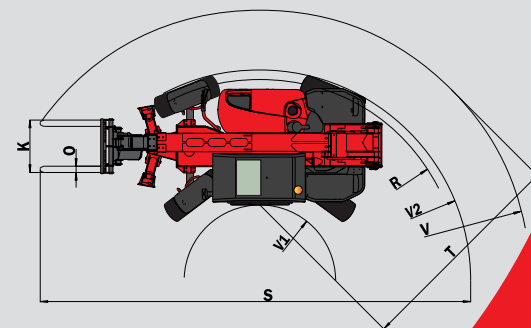
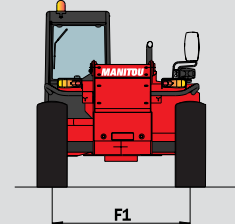
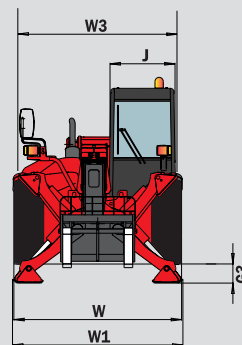
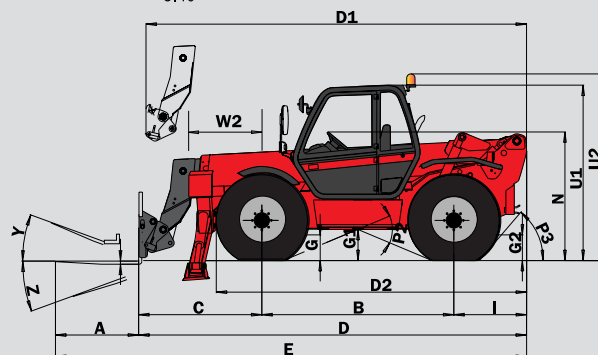
Reach at maximum height : 1.5 m



Under
EN 1459
annexe B

A	1200
B	2770
C	1770
C1	1850
D	5590
D1	5670
D2	4405
E	6790
F	1990
F1	1990
G	450
G1	445
G2	450
G3	275
I	1050
J	950
K	1040
L	45
N	1850
O	125
P2	43,5°
P3	40°
R	3950
S	8513
T	3920
U1	2575
U2	2755
V	5390
V1	1470
V2	4158
W	2405
W1	2320
W2	1125
W3	2035
Y	12°
Z	112°

mm



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.
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