

SOUTHERN CRANES & ACCESS

Manitou MT1330SL



Southern Cranes & Access Ltd

Pollards Way, Southwater, Horsham, RH13 9AQ

Access hire: 01403 339105 . Crane hire: 01403 790874
sales@southerncranes.co.uk . www.southerncranes.co.uk

Cranes
Access
Transport
Contract Lifting
Training

Manitou MT1330SL

Lifting Capacity

500mm from forks' heels.....3,000 kg
 Tipping load at maximum reach.....1,113 kg
 Tear out force with toothed digging bucket to ISO 8313-1986 with tilting ram.....7,000 daN
 Lifting Height.....13 m

Times (seconds - unladen / loaded)

Lifting.....11.8 / 12.3
 Lowering.....8.4 / 7.9
 Simultaneous extension 1st and 2nd booms.....17 / 17
 Simultaneous retraction 1st and 2nd booms.....14 / 13.5
 Crowd (unladen).....4.75
 Dump (unladen).....4.20

Forks (mm)

Length.....1,200
 Width x thickness.....125 x 45
 Max distance between forks.....1,040
 Carriage rotation.....124°

PERKINS Engine

Type.....1004.42/10 0 4.4 Turbo
 Capacity.....4,233 cm³ / 3,990 cm³
 Power (ISO/TR 14396).....81.5 HP / 76.5 kW
 at 2,200 rpm Turbo.....104 HP / 76.5 kW
 Max torque.....290 Nm at 1,400 rpm
 Turbo.....349 Nm at 1,400 rpm

Transmission

Torque convertor with Electro-hydraulic reversing shift. 4 speed forward and reverse. 25 km/h Maximum travel speed.

Hydraulics

Lifting /tilting pump (gear type).....260 bars / 166 l/mn
 Flow divider with priority to steering and brakes

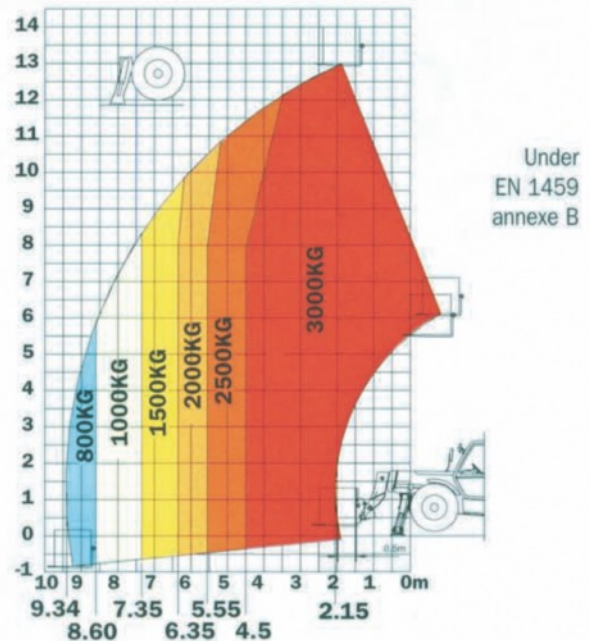
Capacities

Cooling system.....24.5 l
 turbo.....26.5 l
 Engine oil.....10.5 l
 turbo.....11.5 l
 Hydraulic oil.....120 l
 Transmission oil.....16 l
 Fuel tank.....135 l

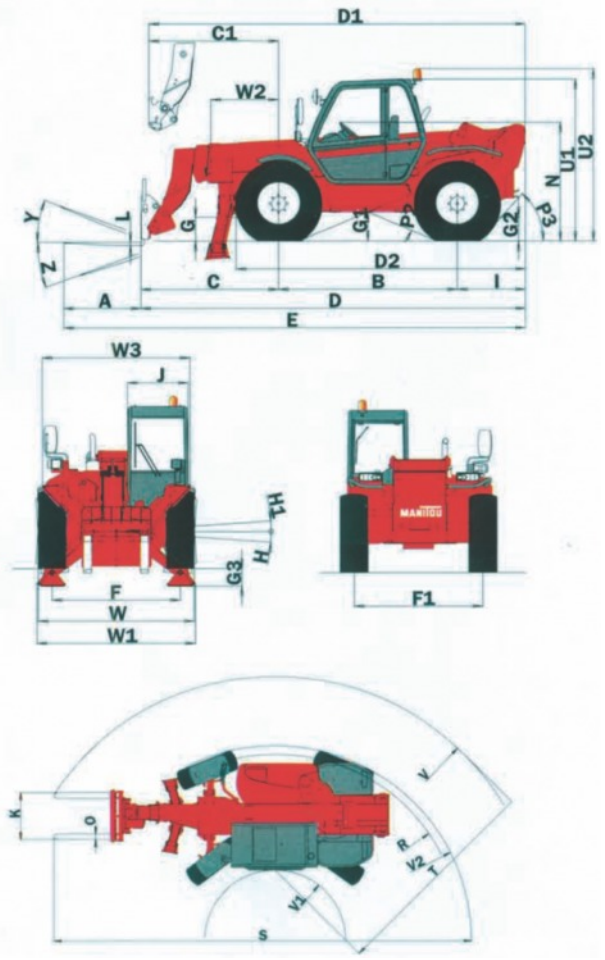
Measurements

Weight unladen.....9,530 kg
 Overall width.....2.36m
 stabilisers extended.....2.30m
 Overall height.....2.55m
 Turning radius.....4.00m
 Overall length.....5.94m
 Ground clearance.....0.45m
 Drawbar pull.....7,400daN
 turbo.....9,200daN

Reach at maximum height : 1.88 m



A	1200
B	2770
C	2120
C1	2010
D	5940
D1	5830
D2	4460
E	7140
F	1970
F1	1970
G	450
G1	445
G2	450
G3	275
H	4°or7%
H1	4°or7%
I	1050
J	950
K	1040
L	45
N	1850
O	125
P2	45.5°
P3	40°
R	3640
S	8720
T	4665
U1	2550
U2	2710
V	5600
V1	1320
V2	4000
W	2360
W1	2304
W2	1172
W3	2020
Y	12°
Z	112°



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