

MT 1637 SL

SERIE 2

- Maximum lifting height : 15.80 m
 - Capacity : 3700 Kg
- Maximum forward reach : 12.33 m
 - Torque convertor
 - Hydraulic stabilizers
 - Frame levelling

MANISCOPIC



PERKINS ENGINE 1000 SERIES CONFORMS TO EUROPEAN DIRECTIVE 97/68/EEC



MANITOU

MT 1637 SL TURBO



Lift capacity 3700 Kg
at 500 mm from forks heels.
Tipping load at maximum reach 937 Kg
Tear out force with bucket
to ISO 8313 7000 daN



Lift height : 15.80 m
Times : unladen / loaded (in s)
Lifting 12/12.5
Lowering 8.5/8
Extension 1st and 2nd booms 21.8/24.4
Extension 3rd boom (with stabilisers only) 10.4/11.5
Retraction 1st and 2nd booms 17.7/17.4
Retraction 3rd boom (with stabilisers only) 9.7/8.7
Time unladen (in s)
Crowd 5.3
Dump 8.4



Tyres
440/80-24 T37 158B



Forks (mm)
Length 1200
Width x thickness 125 X 50
Maximum distance between forks 1040
Carriage rotation 124°



Multidisc brakes - hydraulically assisted on 4 wheels



PERKINS Engine
Type 1004.40 Turbo
Capacity 4 cylindres - 3990 cm³
Power (ISO/TR 14396) : 100 HP/74.6 kw
at 2.200 rpm
Maximum torque 402.5 Nm at 1400 rpm
Direct Injection
Water Cooling



Transmission Torque convertor
Electro-hydraulic reversing shift
4 speeds forward and reverse
Maximum travel speed 25 Km/h



Hydraulics
Lifting/tilting pump
gear type: 260 bar/196 l/mn
Flow divider with priority to steering and brakes

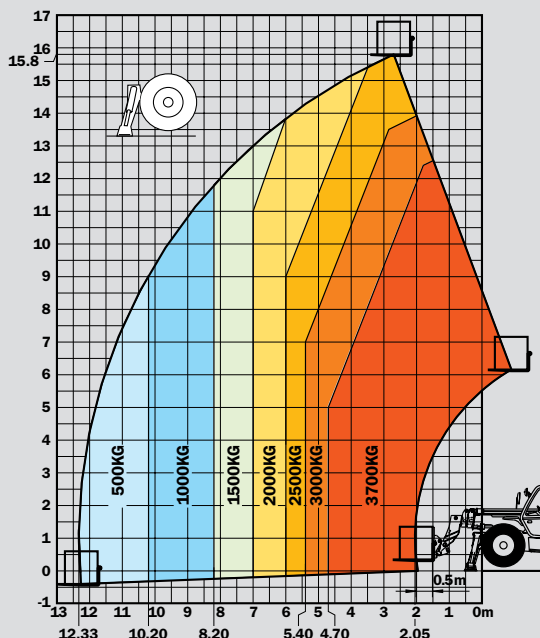


Capacities
Cooling system 26.5 l.
Engine oil 11 l.
Hydraulic oil 175 l.
Transmission oil 16 l.
Fuel tank 135 l.



Weight unladen (with forks) 10860 Kg
Overall width 2.43 m
Overall height 2.59 m
Turning radius (outside wheels) 4.15 m
Overall length 5.96 m
Ground clearance 0.49 m
Drawbar pull 9400 daN

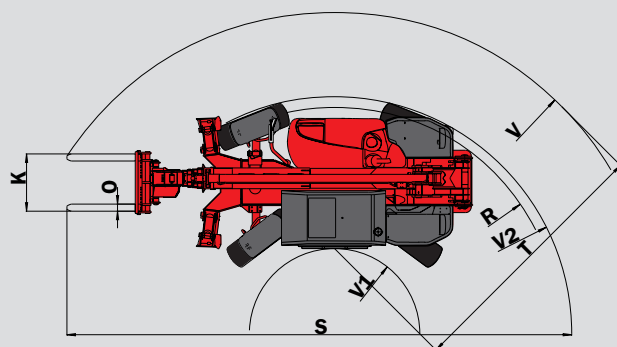
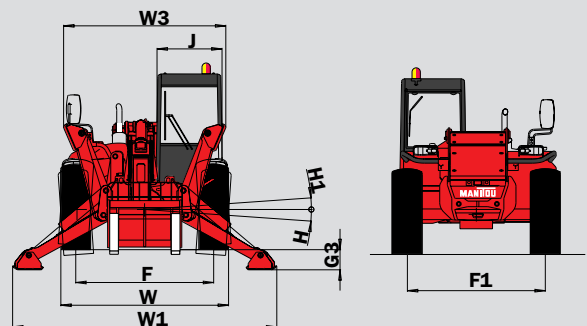
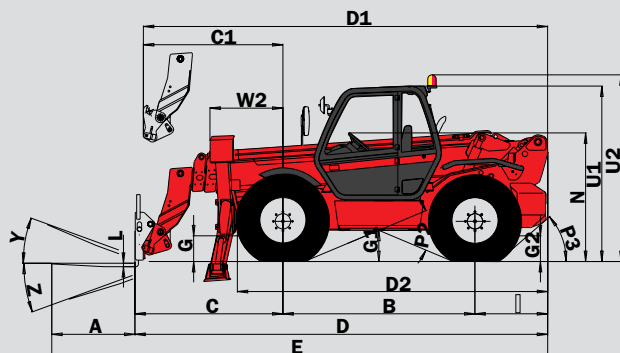
Reach at maximum height : 2.70 m



Under
EN 1459
annexe B

A	1200
B	2770
C	2135
C1	2045
D	5955
D1	5865
D2	4435
E	7155
F	1990
F1	1990
G	500
G1	495
G2	500
G3	290
H	4° or 7°
H1	4° or 7°
I	1050
J	950
K	1040
L	50
N	1880
O	125
P2	45,5°
P3	50°
R	3935
S	8870
T	4665
U1	2590
U2	2770
V	5750
V1	1470
V2	4150
W	2425
W1	3820
W2	1050
W3	2350
Y	12°
Z	112°

mm



IN ACCORDANCE WITH



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
PATENTS FR 93 14367 - EP 0 656 315 US PENDING



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