

MANISCOPIC

■ **MLT 845**
120 LSU

LOAD SENSING ULTRA



- Lifting height : 7.55 m
- Capacity : 4500 kg
- Maximum forward reach : 4.57 m
- Torque convertor
- 4 wheel-drive
- Engine : 124 HP Stage III A
- Load Sensing Ultra :
150 l/mn - 270 bars

MLT 845 - 120 LSU - TFF 45 MT 1040

 **MANITOU**

MLT 845-120 LSU



Lift capacity 4500 kg
 at 500 mm from forks heels
 Tipping load
 at maximum reach 1610 kg
 Tear out force with toothed digging bucket
 to ISO 8313 with tilting ram 6650 daN



Lift height 7.55 m
 Times : unladen/loaded (in s)
 Lifting 9.6/10.4
 Lowering 6.1/5.6
 Boom extension 9.8/10.1
 Boom retraction 7.8/7.9
 Time unladen (in s)
 Crowd 3.7
 Dump 3.2



Tyres
 460/70 - 24 XMCL



Forks (mm)
 Length 1200
 Width x thickness 125 x 50
 Maximum distance between forks 1260
 Carriage rotation 142°



Multidisc brakes hydraulically assisted on both axles
Negative parking brake (electro-hydraulic)



Perkins engine Stage III A
 Turbo 120 : 1104 D - E 44 TA 4 cylindres 4400 cm³
 Power (ISO TR 14396) 124 HP/91 kw
 Maximum torque 490 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*



Turbo 120 LSU : 150 l./mn - 270 bars
 Load Sensing pump with electronic control
 Electro proportional command monolever
 Flow divider with load sensing device driving and braking



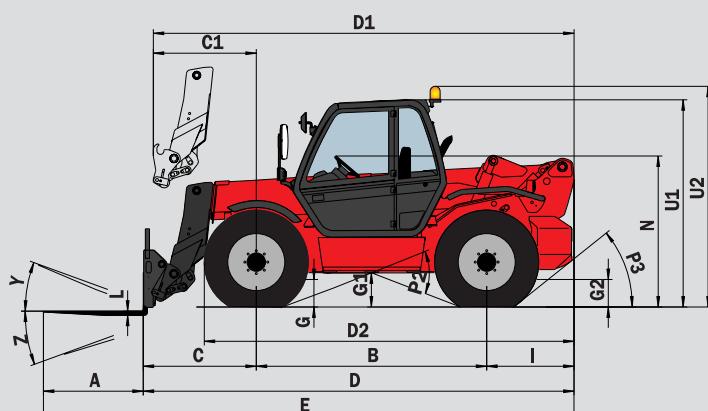
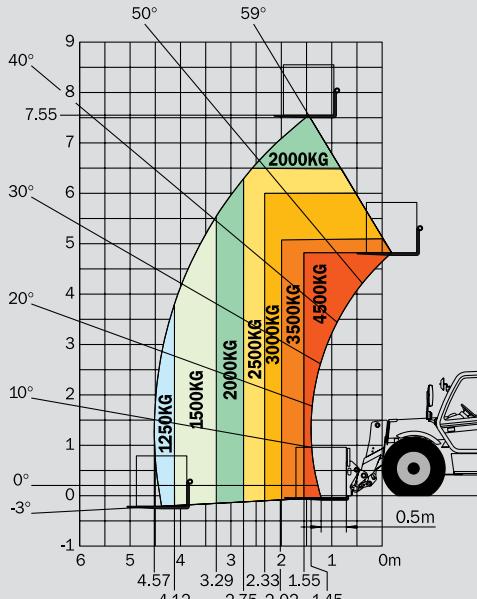
Capacities
 Cooling system 18.5 l.
 Engine oil 11 l.
 Hydraulic oil 131 l.
 Transmission oil 15.1 l.
 Fuel tank 135 l.



Weight unladen (with forks) 8645 kg
Overall width 2.42 m
Overall height 2.58 m
Turning radius (outside wheels) 4.15 m
Overall length 5.22 m
Ground clearance 0.44 m
Drawbar pull 9000 daN

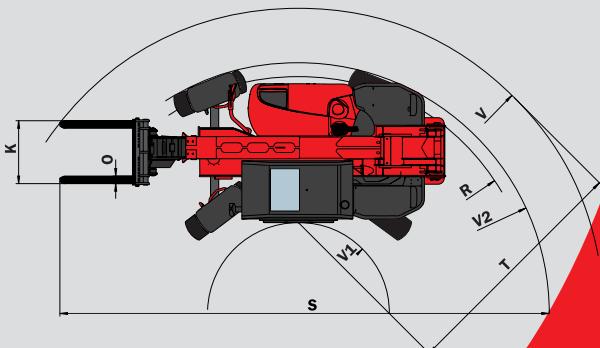
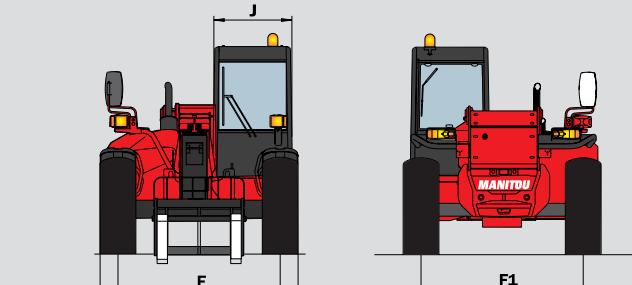
Reach at maximum height : 1.46 m

Under
EN 1459
annexe B



MLT 845 - 120 LSU

A	1200
C	2770
C1	1409
D	1487
D1	5229
D2	5307
E	4395
F	6429
F1	1950
G	1950
G1	440
G2	435
I	440
J	1050
K	950
L	1260
M	50
N	1850/1900
O	125
P2	43.5°
P3	40°
R	3930
S	8146
T	3703
U1	2585
U2	2765
V	5173
V1	1470
V2	4153
W	2420
Y	12°
Z	130°



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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