





# MLT 735 - 120 LSU


 **Lifting capacity** .....3500 kg  
(load centre at 500mm from forks heels)  
Tipping load at maximum reach .....1490 kg


 **Lifting height** .....6.90 m  
**Times:** unladen / loaded (in s)  
Lifting .....6.7/7.3  
Lowering .....4.8/4.6  
Boom extension.....7.1/7.3  
Boom retraction.....5.7/5.5  
Time unladen (in s)  
Crowd.....3  
Dump .....2.3


 **Tyres**  
460/70-24 XMCL

 **Forks** (mm)  
Length.....1200  
Width X thickness.....125 x 50  
Maximum distance between forks.....1260  
Carriage rotation.....146°


 **Oil bath multidisc brakes on front and rear axles**

 **Perkins engine Stage III A**  
Turbo 120: 1104 D - E 44 TA.....4 cyl. - 4400 cm<sup>3</sup>  
Power (ISO/TR 14396).....124 HP/91 kw  
Maximum torque  
(ISO/TR 14396): .....490 Nm at 1400 rpm  
Direct injection  
Water cooling

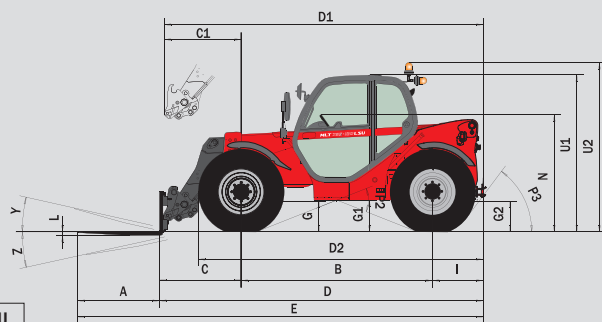
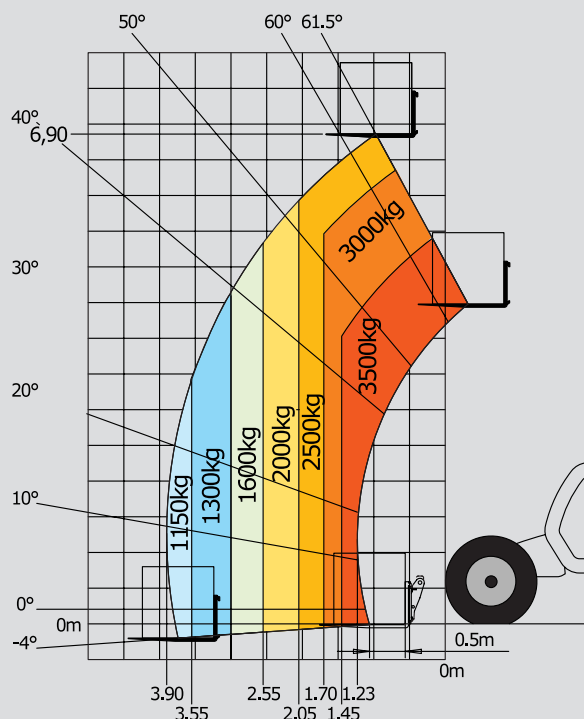
 **Transmission** .....torque convertor  
Number of speeds .....4/4  
Reversing shift.....electrohydraulic  
Limited slip differential lock  
Max. travel speed: .....till 42 km/h\*  
Powershift available for the MLT 735-120 LSU (6/3)

 **Hydraulic**  
**Turbo 120 LSU** .....150 l./mn - 270 bars  
Electronically regulated variable displacement pump  
Valve bank DDIC  
Monolever **J.S.M (Joystick Switch and Move)**  
Flow divider with load sensing device driving and braking

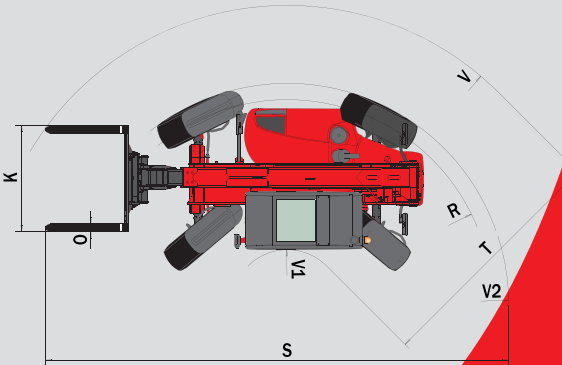
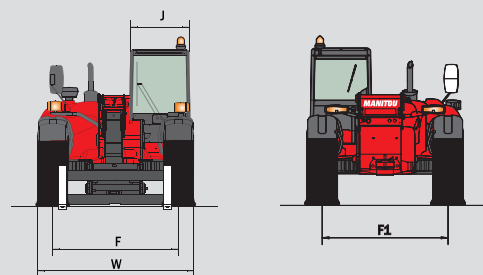
 **Capacities**  
Hydraulic oil .....125 l  
Fuel tank .....120 l

 **Weight unladen** (with forks) .....6640 kg  
**Overall height** .....2.30 m  
**Overall width** .....2.32 m  
**Overall length** (at forks carriage).....4.79 m  
**Ground clearance** .....0.45 m  
**Turning radius** (outside wheels) .....3.85 m  
**Drawbar pull**.....8190 daN

## Forward reach at maximum height : 1.03 m



MLT 735 - 120 LSU	
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A	1200
B	2810
C	1191
C1	1287
D	4790
D1	4886
D2	4199
E	5990
F	1870
F1	1870
G	455
G1	440
G2	440
I	789
J	865
K	1260
L	45
N	1720
O	125
P2	38°
P3	53°
R	3625
S	7649
T	3505
U1	2300
U2	2550
V	4865
V1	1360
V2	3853
W	2320
Y	12.5°
Z	133.7°



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.

\* Depending on models

