

Technical sheet

# **MLT-X 1035 LT LSU**

Telehandlers



Capacities	Metric	Imperial
Max. capacity	3500 kg	7700 lbs
Max. lifting height	9.60 m	31 ft 5 in
Max. outreach	7.06 m	23 ft 2 in
Reach at max. height	2.75 m	6 ft 6 in
Breakout force with bucket	6000 daN	13489 lbf
Weight and dimensions		
Unladen weight (with forks)	8375 kg	18464 lbs
m4 - Ground clearance	0.44 m	17 in
l2 - Overall length to carriage	5.09 m	16 ft 7 in
y - Wheelbase	2.81 m	9 ft 2 in
b4 - Overall width of cab	0.98 m	3 ft 2 in
b1 - Overall width	2.40 m	7 ft 90 in
h17 - Overall height	2.30 m	7 ft 5 in
a4 - Crowd angle	8 °	8 °
a5 - Dump angle	119 °	119 °
Wa1 - External turning radius (over tyres)	3.80 m	9 ft 8 in
Standard tyres	460/70 R24 159A8 A580 - Alliance	460/70 R24 159A8 A580 - Alliance
Performances		
Lifting	7 s	7 s
Lowering	5.20 s	5.20 s
Extension	15.70 s	15.70 s
Retraction	10.60 s	10.60 s
Crowd	3 s	3 s
Dump	2.70 s	2.70 s
Engine		
Brand	Perkins	Perkins
Environmental norm	Stage 3A	Stage 3A
Model	1104D-44TA	1104D-44TA
Number of cylinders - Cubic capacity	4 - 4400 cm <sup>3</sup>	4 - 269 in <sup>3</sup>
Power	101 hp / 74.50 kW	101 hp / 74.50 kW
Max. torque	410 Nm at 1400 rpm	302 ft.lbs at 1400 rpm
Reversible fan	Standard	Standard
Transmission		
Type	Torque Converter with box Powershuttle	Torque Converter with box Powershuttle
Number of gears (forward/reverse)	4/4	4/4
Max. travel speed (may vary according to applicable regulations)	35 km/h	22 mph
Parking brake	Manual parking brake	Manual parking brake
Service brake	Hydraulic oil immersed multi-disc braking on front & rear axles	Hydraulic oil immersed multi-disc braking on front & rear axles
Hydraulics		
Hydraulic pump type	Load sensing pump	Load sensing pump
Hydraulic flow - Pressure	108 l/min - 270 bar	28.53 gpm - 3916 psi
Flow sharing distributor	Standard	Standard
Tank capacities		
Hydraulic oil	135 l	37 US gal.
Fuel	120 l	32 US gal.
Noise & vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm	78 dB	78 dB
Environmental noise LwA	104 dB	104 dB
Vibration to whole hand / arm	<2.5 m/s <sup>2</sup>	<8.2 ft/s <sup>2</sup>

**Miscellaneous**

Safety

Cab ROPS - FOPS Level 1

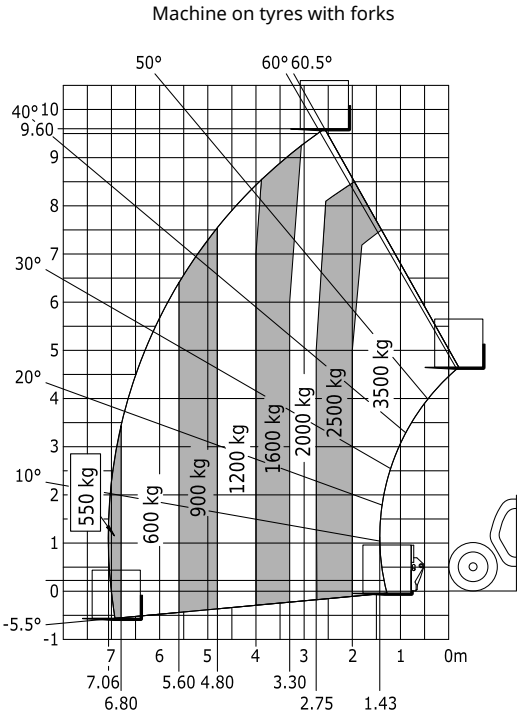
Cab ROPS - FOPS Level 1

**Options / Finishing**

S : Standard / O : Optional / - : Not available

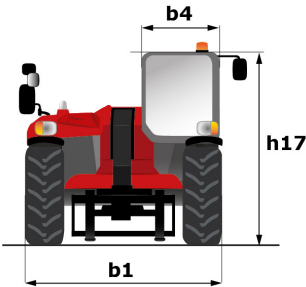
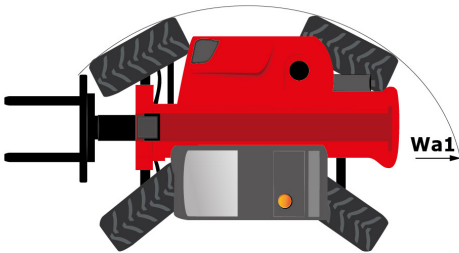
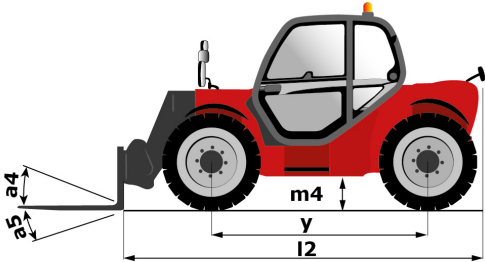
	Classic	Premium	Elite
<b>General</b>			
Cyclonic air pre-filter	S	S	O
Self cleaning air prefilter	O	O	S
Auto reversing fan	S	S	S
Manual rotating towing hitch on counterweight	S	S	S
Automatic rotating towing hitch on counterweight	O	O	O
<b>Comfort</b>			
Tuner car radio (50 W)	S	-	-
CD MP3 car radio	O	S	-
Bluetooth CD MP3 radio	O	O	S
Mechanical cloth seat	S	-	-
Air suspension cloth seat	O	S	-
Low frequency air suspension cloth seat with heating	O	O	S
Manual air conditioning	O	S	S
<b>Hydraulic</b>			
Hydraulic flow control system	O	O	O
Continuous flow hydraulics	O	O	O
Easy Connect System (ECS)	O	S	S
Boom suspension "CRC"	O	O	S
Attachment hydraulic locking	O	O	O
Electrovalve for 2 hydraulic functions (on boom head)	O	O	O
Return pipe to hydraulic oil tank	O	O	O
1 pair of pre-fitted Double Action rear hydraulic couplers	O	O	O
<b>Electricity / Safety</b>			
Audio warning on reverse movements	O	O	O
Front and rear LED work lights (x4 : 2 front + 2 rear)	O	O	O
Work lights on boom head	O	O	O
Electric predisposition on boom	O	O	O

Load chart



Rough terrain load chart (EN 1459 B)

Dimensional drawing





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