Technical sheet :

MLT-X 1035 LT LSU



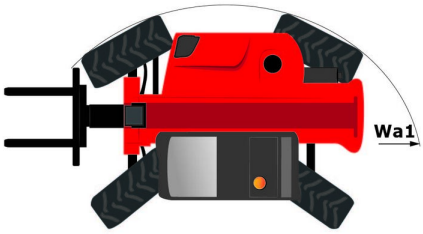
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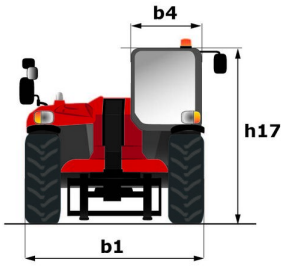
Capacities		Metric	Imperial
Max. capacity	Q	3500 kg	7716 lb
Max. lifting height	h3	9.60 m	31 ft 6 in
Max. outreach		7.06 m	23 ft 2 in
Reach at max. height		2.75 m	9 ft
Breakout force with bucket		6000 daN	6000 daN
Weight and dimensions			
Unladen weight (with forks)		8375 kg	18464 lb
Ground clearance	m4	0.44 m	1 ft 5 in
Wheelbase	y	2.81 m	9 ft 3 in
Overall length to carriage (with hitch)	l11	5.09 m	16 ft 8 in
Overall length to carriage (without hitch)	l3	4.98 m	16 ft 4 in
Front overhang		1.39 m	4 ft 7 in
Overall width	b1	2.40 m	7 ft 10 in
Overall cab width	b4	0.98 m	3 ft 3 in
Overall height	h17	2.30 m	7 ft 7 in
Tilt-down angle	a5	119 °	119 °
Tilt-up angle	a4	8 °	8 °
External turning radius (over tyres)	Wa1	3.92 m	12 ft 10 in
Standard tires		Alliance - A580 - 460/70 R24 159A8	Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 2	2 / 2
Performances			
Lifting		6.60 s	6.60 s
Lowering		5.20 s	5.20 s
Extension		14.70 s	14.70 s
Retraction		10.60 s	10.60 s
Crowd		2.80 s	2.80 s
Dump		2.50 s	2.50 s
Engine			
Engine brand		Perkins	Perkins
Engine norm		Stage IIIA	Stage IIIA
Max. fuel sulphur content		5000 ppm	5000 ppm
Engine model		1104D-44TA	1104D-44TA
Number of cylinders - Capacity of cylinders		4 - 4400 cm³	4 - 269 in³
I.C. Engine power rating / Power		101 Hp / 74.50 kW	101 Hp / 74.50 kW
Max. torque / Engine rotation		410 Nm @1400 rpm	302 ft/lbs @1400 rpm
Drawbar pull (Laden)		6680 daN	6680 daN
Reversible fan		Standard	Standard
Transmission			
Transmission type		Torque converter	Torque converter
Gearbox		Powershuttle	Powershuttle
Number of gears (forward / reverse)		4 / 4	4 / 4
Max. travel speed (may vary according to applicable regulations)		35 km/h	22 mph
Differential lock		Limited slip differential on front axle	Limited slip differential on front axle
Parking brake		Manual	Manual
Service brake		Oil-immersed multi-discs on front & rear axles	Oil-immersed multi-discs on front & rear axles
Hydraulics			
Hydraulic pump type		Variable displacement pump	Variable displacement pump
Hydraulic flow - Pressure		110 l/min - 270 bar	29 US gpm - 3916 PSI
Flow sharing distributor		Standard	Standard
Tank capacities			
Hydraulic oil		135 l	36 US gal
Fuel tank		120 l	32 US gal
Noise and 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		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Tractor homologation			
Controls		JSM	JSM

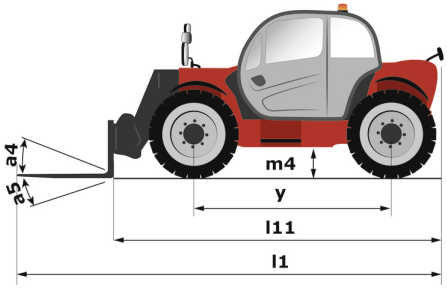
Optional tires tab

Optional tires	Overall height	Overall width
FIRESTONE - R8000 UT - 460/70 R24 159A8	7 ft 7 in (2.30 m)	7 ft 10 in (2.40 m)
NOKIAN - TRI STEEL - 460/65 R24 156A8	7 ft 5 in (2.27 m)	7 ft 10 in (2.38 m)

MLT-X 1035 LT LSU - Dimensional drawing







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