

Technical sheet :

MLT 733-115 LSU (S1)



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity	Q	7275 lb
Max. lifting height		22 ft 8 in
Maximum outreach		12 ft 10 in
Reach at max. height		2 ft 11 in
Breakout force with bucket		5184 daN
Weight and dimensions		
Unladen weight (with forks)		15697 lb
Ground clearance	m4	1 ft 5 in
Wheelbase	y	9 ft 3 in
Overall length to carriage (with hitch)	l11	15 ft 11 in
Overall length to carriage (without hitch)	l3	15 ft 8 in
Front overhang		4 ft
Overall width	b1	7 ft 10 in
Overall cab width	b4	3 ft 1 in
Overall height	h17	7 ft 10 in
Tilt-down angle	a5	134 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	12 ft 11 in
Standard tires		Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2
Steering mode		Manicrab, 2 wheel steer, 4 wheel steer, Crab mode
Performances		
Lifting		6.20 s
Lowering		5.80 s
Extension		5.50 s
Retraction		5.30 s
Crowd		2.80 s
Dump		2.30 s
Engine		
Engine brand		Deutz
Engine nom		Stage V
Engine model		TCD 3.6 L4
Number of cylinders - Capacity of cylinders		4 - 221 in ³
Engine power (Hp / kW)		116 Hp / 85 kW
Max. torque / Engine rotation		339 ft/lbs @1600 rpm
Drawbar pull (Laden)		7800 daN
Reversible fan		Option
Engine cooling system		4 radiators (water + intercooler + hydraulic oil + transmission oil)
HVO validated (according to EN 15940 standard)		Yes
Transmission		
Transmission type		Torque converter
Gearbox		Powershuttle
Number of gears (forward / reverse)		4 / 4
Max. travel speed (may vary according to applicable regulations)		21 mph
Differential lock		Limited slip differential on front axle
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		40 US gpm - 3916 PSI
Flow sharing distributor		Standard
Tank capacities		
Hydraulic tank capacity		36 US gal
Fuel		32 US gal
Diesel Exhaust fluid (AdBlue® type)		3 US gal
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 nom		75 dB
Noise to environment (LwA)		106 dB
Vibration on hands/arms		< 8 ft/s ²
Miscellaneous		
Tractor homologation		Tractor homologation
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM

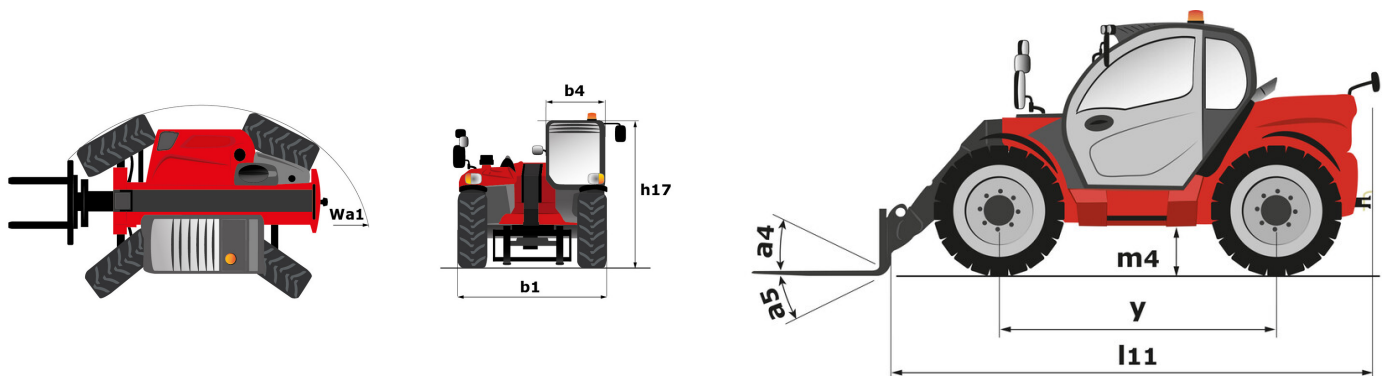
Optional tires tab

TRELLEBORG - TH400 - 500/70 R24 164A8
TRELLEBORG - TH400 - 460/70 R24 159A8
MICHELIN - XMCL - 500/70 R24 164A8
MICHELIN - BIBLOAD - 460/70 R24 159A8
MICHELIN - BIBLOAD - 500/70 R24 164A8
MICHELIN - XHA - 15.5 R25 158A2
NOKIAN - TRI STEEL - 460/65 R24 156A8
VREDESTEIN - ENDURION - 460/70 R24 159A8
VREDESTEIN - ENDURION - 500/70 R24 164A8
TRELLEBORG - TH500 - 460/70 R24 159A8
ALLIANCE - A585 - 460/70 R24 159A8

Overall height
7 ft 9 in
7 ft 10 in
7 ft 10 in
7 ft 9 in
7 ft 10 in
7 ft 9 in
7 ft 9 in
7 ft 10 in
7 ft 11 in
7 ft 11 in
7 ft 9 in
7 ft 9 in

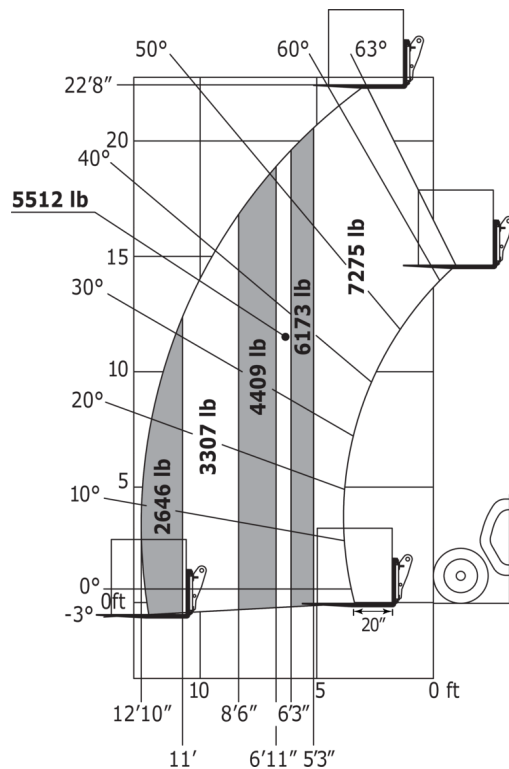
Overall width
7 ft 10 in
7 ft 11 in
8 ft
7 ft 10 in
8 ft
7 ft 10 in
7 ft 10 in
7 ft 11 in
8 ft
7 ft 10 in
7 ft 10 in

MLT 733-115 LSU (S1) - Dimensional drawing



MLT 733-115 LSU (S1) - Load chart

Machine on tires with forks Imperial





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