Technical sheet:

MLT-X 735 T LSU





Capacities		Metric	Imperial
Max. capacity	Q	3500 kg	7716 lb
Max. lifting height	h3	6.90 m	22 ft 8 in
fax. outreach		3.90 m	12 ft 10 in
each at max. height		1 m	3 ft 3 in
reakout force with bucket		6825 daN	6825 daN
Veight and dimensions			
Inladen weight (with forks)		7075 kg	15598 lb
Fround clearance	m4	0.44 m	1 ft 5 in
Vheelbase	у	2.81 m	9 ft 3 in
Overall length to carriage (with hitch)	, I11	4.79 m	15 ft 9 in
Iverall length to carriage (without hitch)	13	4.76 m	15 ft 7 in
ront overhang		1.19 m	3 ft 11 in
Overall width	b1	2.40 m	7 ft 10 in
Overall cab width	b4	0.98 m	3 ft 3 in
verall height	h17	2.30 m	7 ft 7 in
ilt-down angle	a5	134 °	134 °
ilt-up angle	a4	13 °	13 °
	Wa1	3.86 m	12 ft 8 in
xternal turning radius (over tyres)	vvd I	3.86 m Alliance - A580 - 460/70 R24 159A8	Alliance - A580 - 460/70 R24 159A8
tandard tires rive wheels (front / rear)		Alliance - A580 - 460/70 R24 159A8 2 / 2	2 / 2
teering wheels (front / rear)		2 / 2	2 / 2
erformances		7.00	7.00
ifting .		7.30 s	7.30 s
owering		5.60 s	5.60 s
xtension		8.20 s	8.20 s
etraction		6.60 s	6.60 s
rowd		3.20 s	3.20 s
ump		2.70 s	2.70 s
ingine			
ingine brand		Perkins	Perkins
ngine norm		Stage IIIA	Stage IIIA
fax. fuel sulphur content		5000 ppm	5000 ppm
ngine model		1104D-44 TA	1104D-44 TA
lumber of cylinders - Capacity of cylinders		4 - 4400 cm ³	4 - 269 in³
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
rawbar pull (Laden)		8200 daN	8200 daN
teversible fan		Standard	Standard
ransmission			
ransmission type		Torque converter	Torque converter
earbox		Powershuttle	Powershuttle
lumber of gears (forward / reverse)		4 / 4	4 / 4
lax. travel speed (may vary according to applicable regulations)		35 km/h	22 mph
ifferential lock		Limited slip differential on front axle	Limited slip differential on front axle
arking brake		Manual	Manual
ervice brake		Oil-immersed multi-discs on front & rear axles	Oil-immersed multi-discs on front & rear axle
lydraulics			
ydraulic pump type		Variable displacement pump	Variable displacement pump
lydraulic flow - Pressure		108 l/min - 270 bar	29 US gpm - 3916 PSI
low sharing distributor		Standard	Standard
ank capacities		Standard	candara
ydraulic oil		135 I	36 US gal
uel tank		120	32 US gal
		1201	32 US Yai
oise and vibration		76 40	77.40
oise at driving position (LpA) tested following NF EN 12053 norm		76 dB	76 dB
oise to environment (LwA)		104 dB	104 dB
/ibration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
ractor homologation			

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)
MICHELIN - XHA - 15 5 R25 158A2	7 ft 6 in (2 28 m)	7 ft 10 in (2.38 m)

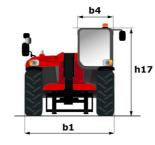
Options / Finishing

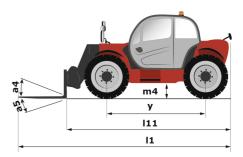
S: Standard / O: Optional / -: Not available

	Classic	
fting function		
oom suspension	0	
Electric predisposition on the top of the boom	0	
Electrovalve for 2 hydraulic functions (on boom head)	0	
Hydraulic attachment locking	0	
Return pipe to hydraulic oil tank	0	
Operator station		
Air conditioning with manual adjustment	0	
Air suspension cloth-covered seat	0	
Bluetooth CD MP3 radio	0	
CD MP3 car radio	0	
Cyclonic air pre-filter	S	
Low frequency air suspension cloth seat with heating	0	
Mechanical cloth-covered seat	S	
Tuner car radio (50 W)	S	
Motorization/Power		
Attachment hydraulic flow control system	0	
Continuous flow hydraulics	0	
Self cleaning air prefilter	0	
Secondary functions		
1 pair of pre-fitted Double Action rear hydraulic couplers	0	
Automatic rotating towing hitch on counterweight	0	
Manual rotating towing hitch	S	
Lighting		
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	0	
Work lights on boom head (x2)	0	
Security		
Audio warning on reverse	0	

MLT-X 735 T LSU - Dimensional drawing











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