Technical sheet:

MLT-X 735 T LSU





	MLT-X 735 T LSU	Created on May 2, 2024 at 11:25:30 PM UT	
Capacities		Metric	
Max. capacity	Q	3500 kg	
Max. lifting height	h3	6.90 m	
Max. outreach		3.90 m	
Reach at max. height		1 m	
Breakout force with bucket		6825 daN	
Weight and dimensions		0020 dult	
Unladen weight (with forks)		7075 kg	
Ground clearance	m4	0.44 m	
	m4		
Wheelbase	у	2.81 m	
Overall length to carriage (with hitch)	l11	4.79 m	
Overall length to carriage (without hitch)	13	4.76 m	
Front overhang		1.19 m	
Overall width	b1	2.40 m	
Overall cab width	b4	0.98 m	
Overall height	h17	2.30 m	
Tilt-down angle	a5	134 °	
Tilt-up angle	a4	13 °	
External turning radius (over tyres)	Wa1	3.86 m	
Standard tires		Alliance - A580 - 460/70 R24 159A8	
Drive wheels (front / rear)		2/2	
Steering wheels (front / rear)		2/2	
Performances			
Lifting		7.30 s	
Lowering		5.60 s	
Extension		8.20 s	
Retraction		6.60 s	
Crowd		3.20 s	
Dump		2.70 s	
Engine			
Engine brand		Perkins	
Engine norm		Stage IIIA	
Max. fuel sulphur content		5000 ppm	
Engine model		1104D-44 TA	
Number of cylinders - Capacity of cylinders		4 - 4400 cm ³	
I.C. Engine power rating / Power		101 Hp / 74.50 kW	
Max. torque / Engine rotation		410 Nm @1400 rpm	
Drawbar pull (Laden)		8200 daN	
Reversible fan		Standard	
Transmission			
Transmission type		Torque converter	
Gearbox		Powershuttle	
Number of gears (forward / reverse)		4 / 4	
Max. travel speed (may vary according to applicable regulations)		35 km/h	
Differential lock		Limited slip differential on front axle	
Parking brake		Manual	
Service brake		Oil-immersed multi-discs on front & rear axles	
Hydraulics		on minicised mand alsos on front wiear diffes	
		Variable displacement pump	
Hydraulic pump type			
Hydraulic flow - Pressure		108 l/min - 270 bar	
Flow sharing distributor		Standard	
Tank capacities			
Hydraulic oil		135	
Fuel tank		120 l	
Noise and vibration		76 dB	
Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm		76 dB	
		76 dB 104 dB	
Noise at driving position (LpA) tested following NF EN 12053 norm			
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)		104 dB	
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm		104 dB	

Optional tires tab

Optional tires	Overall height	Overall width
FIRESTONE - R8000 UT - 460/70 R24 159A8	2.30 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.27 m	2.38 m
MICHELIN - XHA - 15 5 R25 158A2	2.28 m	2 38 m

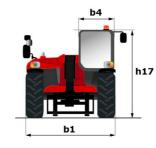
Options / Finishing

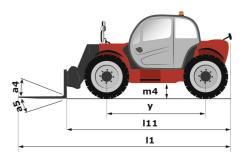
S: Standard / O: Optional / -: Not available

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

MLT-X 735 T LSU - Dimensional drawing











Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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