Technical sheet :

MLT-X 735 T LSU





ILT-X 735 T LSU	Created on	19 May	/ 2024 at	5:03:51	PM UTC

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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	
		0023 081	
Weight and dimensions		7075 ha	
Unladen weight (with forks)		7075 kg	
Ground clearance	m4	0.44 m	
Wheelbase	У	2.81 m	
Overall length to carriage (with hitch)	111	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			
		7.20 -	
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			
Hydraulic pump type		Variable displacement pump	
Hydraulic flow - Pressure		108 l/min - 270 bar	
Flow sharing distributor		Standard	
Tank capacities			
Fuel tank		120	
Noise and vibration		76 dB	
		104 dB	
Noise at driving position (LpA) tested following NF EN 12053 norm		104 dB	
Noise at driving position (LpA) tested following NF EN 12053 norm		104 dB < 2.50 m/s²	
Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration on hands/arms Miscellaneous			

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

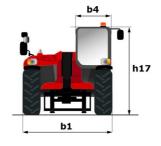
Options / Finishing

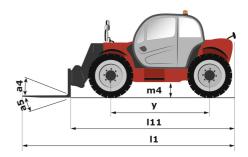
S : Standard / O : Optional / - : Not available

	Classic	
ifting function		
Boom 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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