Technical sheet:

MLT-X 735 T LSU





	MLT-X 735 T LSU	Created on May 4, 2024 at 4:21:43 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			
Unladen weight (with forks)		7075 kg	
Ground clearance	m4	0.44 m	
Wheelbase	у	2.81 m	
Overall length to carriage (with hitch)	J 111	4.79 m	
Overall length to carriage (without hitch)	13	4.76 m	
Front overhang	.0	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 °	
		13 °	
Tilt-up angle	a4		
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 cm³	
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			
Hydraulic oil		135 l	
Fuel tank		120 I	
Noise and vibration		1201	
Noise at driving position (LpA) tested following NF EN 12053 norm		76 dB	
Noise to environment (LwA)		76 dB 104 dB	
Vibration to whole hand/arm		< 2.50 m/s ²	
VILLAULIU III WILLIE II AULI AULI		< 2.30 III/S*	
		and the second s	
Miscellaneous Tractor homologation			

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

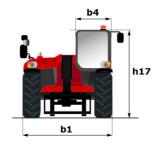
Options / Finishing

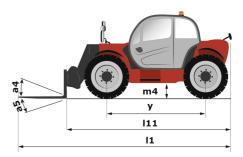
S: Standard / O: Optional / -: Not available

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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Security	, , ,			
		0	0	
Audio waming on reverse 0 0	•			
	Audio warning on reverse	0	0	

MLT-X 735 T LSU - Dimensional drawing











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