Technical sheet:

# **MLT-X 735 T LSU**





	MLT-X 735 T LSU U	ated on April 30, 2024 at 7:40:37 AM UTC	
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)	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	а5	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		2,72	
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		2.703	
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 <sup>3</sup>	
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		Standard	
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 miniersed mand discs on front wheat axies	
Hydraulic pump type		Variable displacement pump	
Hydraulic flow - Pressure		Variable displacement pump 108 l/min - 270 bar	
Flow sharing distributor		Standard	
Tank capacities		Standard	
Hydraulic oil		135 l	
Fuel tank		1351	
Noise and vibration		1201	
Noise and violation  Noise at driving position (LpA) tested following NF EN 12053 norm		76 dD	
Noise at driving position (LpA) tested following NF EN 12053 norm  Noise to environment (LwA)	76 dB		
Vibration to whole hand/arm		104 dB < 2.50 m/s <sup>2</sup>	
Vibration to whole hand/arm  Miscellaneous		< 2.50 III/8*	
Tractor homologation Controls		JSM	
Outrois		JOIN	

## **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

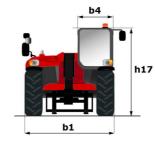
## Options / Finishing

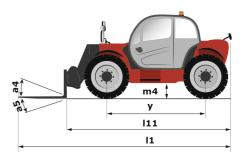
S: Standard / O: Optional / -: Not available

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

#### MLT-X 735 T LSU - Dimensional drawing











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