Technical sheet:

# **MLT-X 735 T LSU**





	MLT-X 735 T LS	Created on 3 May 2024 at 14:46:42 U
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		0023 dain
Unladen weight (with forks)		7075 kg
	<b>A</b>	·
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	a5	134 °
Tilt-up angle	a4	13 °
External tuming radius (over tyres)	Wa1	3.86 m
Standard tires	Wal	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 <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		
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
		On minimersed manufalses on front a real axies
Hydraulics		Vedeble die 1
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		108 l/min - 270 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic oil		135 I
Fuel tank		120 l
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		76 dB
Noise to environment (LwA)		104 dB
Vibration to whole hand/arm		< 2.50 m/s <sup>2</sup>
Miscellaneous		- 2.30 11/3
Tractor homologation		
Controls		JSM

## 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

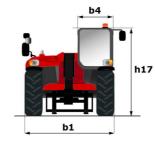
### Options / Finishing

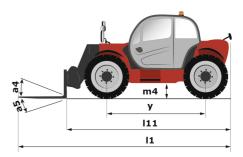
S: Standard / O: Optional / -: Not available

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	
Electric predisposition on the top of the boom  Electrovalve for 2 hydraulic functions (on boom head)  O O O O O O O O O O O O O O O O O O O	Lifting function			
Electrovalve for 2 hydraulic functions (on boom head)  Hydraulic attachment locking  Return pipe to hydraulic oil tank  O  O  O  Return pipe to hydraulic oil tank  O  O  O  O  Return pipe to hydraulic oil tank  O  Air conditioning with manual adjustment  Air suspension cloth-covered seat  O  SI  Bluetooth CD MP3 radio  CD MP3 radio  CD MP3 car radio  CD MP4 car radio  CD MP5 car radio  CD MP6 car radio  CD MP6 car radio  CD MP7 car radio (SD M)  CD Mechanical cloth-covered seat  SS  -  Tuner car radio (SD W)  SS  -  Tuner car radio (SD W)  COntinuous flow hydraulics  CO  Continuous flow hydraulics  CO  COITINUOUS flow hydraulic couplers  CO  CO  COITINUOUS flow hydraulic couplers  CO  CO  CO  CO  CO  CO  CO  CO  CO  C	Boom suspension	0	0	
Hydraulic attachment locking	Electric predisposition on the top of the boom	0	0	
Return pipe to hydraulic oil tank         0         0           Operator station         Committed in the pipe to hydraulic oil tank         0         S           Air conditioning with manual adjustment         0         S           Air suspension cloth-covered seat         0         S           Bluetooth CD MP3 radio         0         0           CD MP3 car radio         0         S           Cyclonic air pre-filter         S         S           Low frequency air suspension cloth seat with heating         0         O           Mechanical cloth-covered seat         S         -           Tuner car radio (50 W)         S         -           Mechanical cloth-covered seat         S         -           Tuner car radio (50 W)         S         -           Motorization/Power         S         -           Attachment hydraulic flow control system         0         O           Continuous flow hydraulics         0         O           Self cleaning air prefilter         0         O           Security         0         O           Jair pair of pre-fitted Double Action rear hydraulic couplers         0         O           Automatic rotating towing hitch on counterweight         S         S	Electrovalve for 2 hydraulic functions (on boom head)	0	0	
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	Hydraulic attachment locking	0	0	
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Air suspension cloth-covered seat  Bluetooth CD MP3 radio  CD MP3 car radio  Cyclonic air pre-filter  Cyclonic air pre-filter  Low frequency air suspension cloth seat with heating  Cyclonic air pre-filter  Cyclonic air pr	Operator station			
Bluetooth CD MP3 radio	Air conditioning with manual adjustment	0	S	
CD MP3 car radio  Cyclonic air pre-filter  Low frequency air suspension cloth seat with heating  O  Mechanical cloth-covered seat  Tuner car radio (50 W)  Motofization/Power  Attachment hydraulic flow control system  Continuous flow hydraulics  Self cleaning air prefilter  Secondary functions  1 pair of pre-fitted Double Action rear hydraulic couplers  Automatic rotating towing hitch on counterweight  Manual rotating towing hitch  S  Lighting  Front and rear LED work lights on cab (x4 : 2 front + 2 rear)  Work lights on boom head (x2)  Security	Air suspension cloth-covered seat	0	S	
Cyclonic air pre-filter  Low frequency air suspension cloth seat with heating  Mechanical cloth-covered seat  Tuner car radio (50 W)  Motorization/Power  Attachment hydraulic flow control system  Continuous flow hydraulics  Self cleaning air prefilter  Secondary functions  1 pair of pre-fitted Double Action rear hydraulic couplers  Automatic rotating towing hitch on counterweight  Manual rotating towing hitch on counterweight  Front and rear LED work lights on cab (x4 : 2 front + 2 rear)  Work lights on boom head (x2)  Security  S S S S S S S S S S S S S S S S S S S	Bluetooth CD MP3 radio	0	0	
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Mechanical cloth-covered seat  Tuner car radio (50 W)  Motorization/Power  Attachment hydraulic flow control system  Continuous flow hydraulics  Continuous flow hydraulic	Cyclonic air pre-filter	S	S	
Tuner car radio (50 W)  Motorization/Power  Attachment hydraulic flow control system  Continuous flow hydraulics	Low frequency air suspension cloth seat with heating	0	0	
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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     0       Security     ***     ***	Continuous flow hydraulics	0	0	
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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  Work lights on boom head (x2) 0 0  Security	Secondary functions			
Manual rotating towing hitch S S  Lighting  Front and rear LED work lights on cab (x4: 2 front + 2 rear)  Work lights on boom head (x2)  Security  S S  S  O  O  O  Security	1 pair of pre-fitted Double Action rear hydraulic couplers	0	0	
Lighting Front and rear LED work lights on cab (x4:2 front + 2 rear)  Work lights on boom head (x2)  Security  O  O  O  Security	Automatic rotating towing hitch on counterweight	0	0	
Front and rear LED work lights on cab (x4:2 front + 2 rear)  Work lights on boom head (x2)  Security  0  0  0  0  0	* *	S	S	
Work lights on boom head (x2) 0 0 Security				
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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