Technical sheet :

## MLT-X 735 T LSU





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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
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)	11	4.79 m
	13	4.76 m
Overall length to carriage (without hitch)	13	4.70 m
Front overhang	11	
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 <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
Hydraulics		
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 I
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		
nactor nonorogation		

## 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

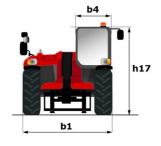
## **Options / Finishing**

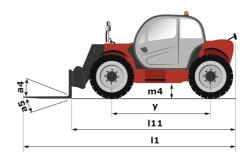
S : Standard / O : Optional / - : Not available

Classic	
.ifting function	
Boom suspension O	
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 O	
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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