Technical sheet:

# **MLT-X 735 T LSU**





	MLT-X 735 T LSU	created on August 10, 2025 at 5:45 PM UT
Capacities		Metric
Max. capacity	Q	3500 kg
Max. lifting height	h3	6.90 m
Maximum 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	a5	134 °
Tilt-up angle	a4	13 °
External turning 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		2/2
Lifting		7.30 s
		7.30 s 5.60 s
Lowering		
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 tank capacity		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 on hands/arms		< 2.50 m/s <sup>2</sup>
Miscellaneous		· 2.50 III/5
Tractor homologation		
Controls		JSM
Oonidois		JOIN

## **Optional tires tab**

	Overall height	Overall width
ALLIANCE - A570 - 17,5 LR24	-	-
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
MICHELIN - XMCL - 500/70 R24 P65		-

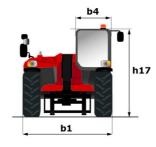
## Options / Finishing

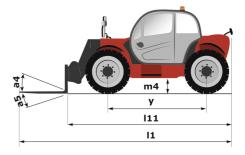
S: Standard / O: Optional / -: Not available

	Classic	
ting function		
om 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 - 50W	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

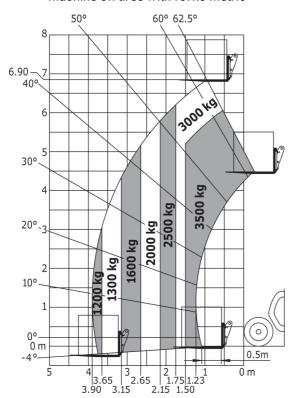






#### MLT-X 735 T LSU - Load chart

#### Machine on tires with forks Metric







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