Technical sheet:

MLT-X 735 T LSU





	MLT-X 735 T LSU Created on July 19, 2025 at 5:47 AM U
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	0023 daiv
-	7075 kg
Unladen weight (with forks)	7075 kg
Ground clearance	m4 0.44 m
Wheelbase	y 2.81 m
Overall length to carriage (with hitch)	l11 4.79 m
Overall length to carriage (without hitch)	l3 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	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	2.70 3
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	Guindia
Hydraulic tank capacity	1351
Fuel tank	
	120
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/s²
Miscellaneous	
Tractor homologation	
Controls	JSM

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	-	-

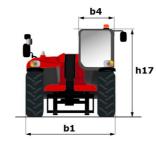
Options / Finishing

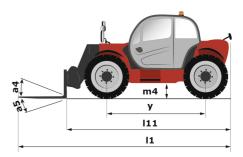
S: Standard / O: Optional / -: Not available

	Classic	
ifting function		
oom 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

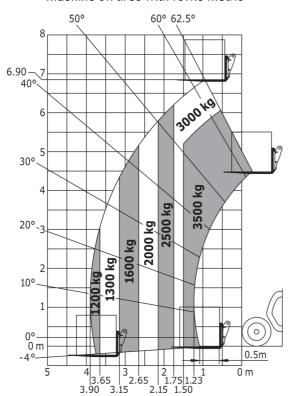






MLT-X 735 T LSU - Load chart

Machine on tires with forks Metric







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