Technical sheet:

MLT-X 735 T LSU





	MLT-X 735 T LSU Created on April 9, 2025 at 11:01 AM
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	0020 dd11
Unladen weight (with forks)	7075 kg
Ground clearance	m4 0.44 m
Wheelbase	y 2.81 m
Overall length to carriage (with hitch)	I11 4.79 m
Overall length to carriage (without hitch)	13 4.75 m
Front overhang	1.19 m
Overall width Overall cab width	b1 2.40 m 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 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 axle
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
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 ²
Miscellaneous	- 2.00 m/d
Tractor homologation	
Controls	JSM
	VOIN

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		

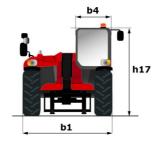
Options / Finishing

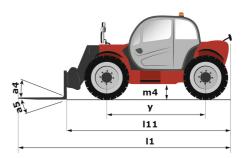
S: Standard / O: Optional / -: Not available

	Classic	Premium
Lifting function		
Boom suspension	0	0
Electric predisposition on the top of the boom	0	0
Electrovalve for 2 hydraulic functions (on boom head)	0	0
Hydraulic attachment locking	0	0
Return pipe to hydraulic oil tank	0	0
Operator station		
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
ow frequency air suspension cloth seat with heating	0	0
Mechanical cloth-covered seat	S	-
Tuner car radio - 50W	s	
Motorization/Power		
Attachment hydraulic flow control system	0	0
Continuous flow hydraulics	0	0
Self cleaning air prefilter	0	0
Secondary functions		
1 pair of pre-fitted Double Action rear hydraulic couplers	0	0
Automatic rotating towing hitch on counterweight	0	0
Manual rotating towing hitch	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		
Audio warning on reverse	0	0

MLT-X 735 T LSU - Dimensional drawing

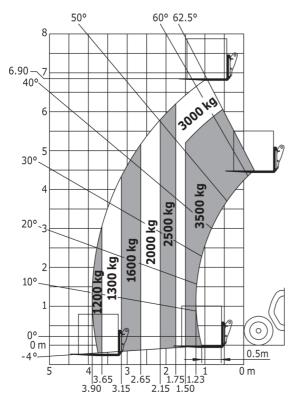






MLT-X 735 T LSU - Load chart

Machine on tires with forks Metric







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