Technical sheet:

# **MLT-X 735 T LSU**





	MLT-X 735 T LSU Created on July 16, 2025 at 11:26	PMUI
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	y 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	Alliance - A580 - 460/70 R24 159	٨٥
	2/2	A0
Drive wheels (front / rear)		
Steering wheels (front / rear)	2/2	
Performances	7.00	
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 a	xle
Parking brake	Manual	
Service brake	Oil-immersed multi-discs on front & rea	ar 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	
Fuel tank	120	
Noise and vibration	1201	
	76 dB	
Noise at driving position (LpA) tested following NF EN 12053 norm		
Noise to environment (LwA)	104 dB	
Vibration on hands/arms	< 2.50 m/s <sup>2</sup>	
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	-	-

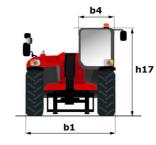
## Options / Finishing

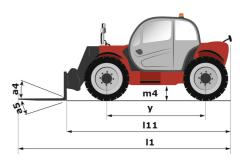
S: Standard / O: Optional / -: Not available

	Classic	Premium	Elite
Lifting function			
Boom suspension	0	0	S
Electric predisposition on the top of the boom	0	0	0
Electrovalve for 2 hydraulic functions (on boom head)	0	0	0
Hydraulic attachment locking	0	0	0
Return pipe to hydraulic oil tank	0	0	0
Operator station			
Air conditioning with manual adjustment	0	S	S
Air suspension cloth-covered seat	0	S	-
Bluetooth CD MP3 radio	0	0	S
CD MP3 car radio	0	S	-
Cyclonic air pre-filter	S	S	0
Low frequency air suspension cloth seat with heating	0	0	S
Mechanical cloth-covered seat	S	-	-
Tuner car radio - 50W	S		
Motorization/Power			
Attachment hydraulic flow control system	0	0	0
Continuous flow hydraulics	0	0	0
Self cleaning air prefilter	0	0	S
Secondary functions			
1 pair of pre-fitted Double Action rear hydraulic couplers	0	0	0
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	0
Work lights on boom head (x2)	0	0	0
Security			
Audio warning on reverse	0	0	0

### MLT-X 735 T LSU - Dimensional drawing

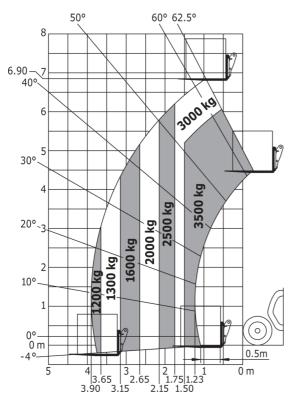






#### MLT-X 735 T LSU - Load chart

#### Machine on tires with forks Metric







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