Technical sheet:

MLT-X 735 T LSU





	MLT-X 735 T LSU Created on June 16, 2025 at 3:47 PM L
Capacities	Metric
Max. capacity	Q 3500 kg
Max. lifting height	h3 6.90 m
Maximum outreach	3.90 m
Reach at max. height	3.50 III
Breakout force with bucket	6825 daN
Weight and dimensions	0023 daiv
-	7075 kg
Unladen weight (with forks) Ground clearance	
Wheelbase	
	•
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 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	Standard
	Torque converter
Transmission type	
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
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	
Tractor homologation	
Controls	JSM
	Z 7.00

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	-	-

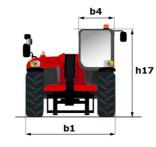
Options / Finishing

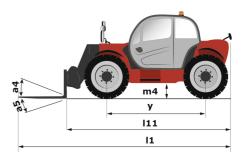
S: Standard / O: Optional / -: Not available

	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

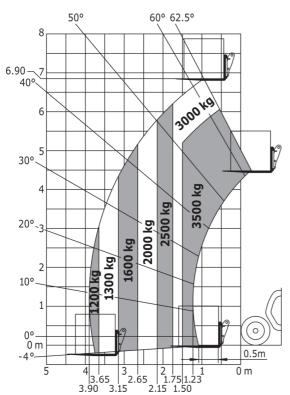






MLT-X 735 T LSU - Load chart

Machine on tires with forks Metric







Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes