Technical sheet:

MLT-X 735 T LSU





	MLT-X 735 T LSU	تا Created on July 31, 2025 at 11:39 PM لتعديد	
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 km	
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		Alliance - A580 - 460/70 R24 159A8	
Drive wheels (front / rear)		2/2	
Steering wheels (front / rear)		2/2	
- , ,		272	
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	
		Standard	
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	
Fank capacities		olundard	
Hudraulia tank canacity		105	
		135	
Fuel tank		135 I 120 I	
Fuel tank Noise and vibration		120	
Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm		120 l 76 dB	
Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm		120 l 76 dB 104 dB	
Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)		120 l 76 dB	
Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration on hands/arms Miscellaneous		120 l 76 dB 104 dB	
Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration on hands/arms		120 l 76 dB 104 dB	

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	-	-

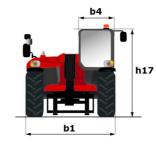
Options / Finishing

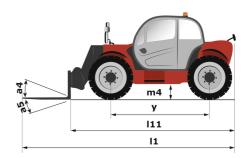
S: Standard / O: Optional / -: Not available

	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
Low 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

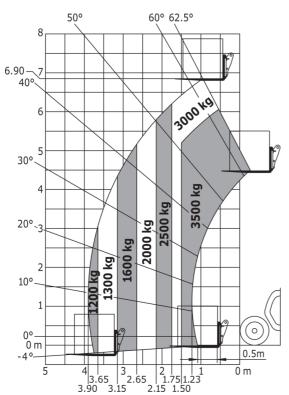






MLT-X 735 T LSU - Load chart

Machine on tires with forks Metric







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