Technical sheet :

MLT-X 735 T LSU





MLT-X 735 T LSU Created on September 15, 2025 at 11:25 PM UTC

apacities		Metric
lax. capacity	Q	3500 kg
fax. lifting height	h3	6.90 m
faximum outreach		3.90 m
each at max, height		1 m
reakout force with bucket		6825 daN
/eight and dimensions		0020 441
nladen weight (with forks)		7075 kg
round clearance	m4	0.44 m
lheelbase	y	2.81 m
verall length to carriage (with hitch)	11	4.79 m
	13	4.75 m
verall length to carriage (without hitch)	13	
ront overhang		1.19 m
verall width	b1	2.40 m
verall cab width	b4	0.98 m
verall height	h17	2.30 m
lt-down angle	a5	134 °
It-up angle	a4	13 °
xternal turning radius (over tyres)	Wa1	3.86 m
tandard tires		Alliance - A580 - 460/70 R24 159A8
rive wheels (front / rear)		2 / 2
teering wheels (front / rear)		2 / 2
erformances		
fting		7.30 s
owering		5.60 s
ktension		8.20 s
etraction		6.60 s
rowd		3.20 s
ump		2.70 s
		2.70 \$
ngine Anisa kanad		Darking
ngine brand		Perkins
ngine norm		Stage IIIA
lax. fuel sulphur content		5000 ppm
ngine model		1104D-44 TA
umber of cylinders - Capacity of cylinders		4 - 4400 cm³
C. Engine power rating / Power		101 Hp / 74.50 kW
lax. torque / Engine rotation		410 Nm @1400 rpm
rawbar pull (Laden)		8200 daN
eversible fan		Standard
ransmission		
ansmission type		Torque converter
earbox		Powershuttle
umber of gears (forward / reverse)		4 / 4
ax. travel speed (may vary according to applicable regulations)		35 km/h
ifferential lock		Limited slip differential on front axle
arking brake		Manual
ervice brake		Oil-immersed multi-discs on front & rear axles
ydraulics		
ydraulic pump type		Variable displacement pump
ydraulic flow - Pressure		108 l/min - 270 bar
•		Standard
ow sharing distributor		Statituaru
ank capacities		1051
ydraulic tank capacity		135
uel tank		120 l
oise and vibration		
oise at driving position (LpA) tested following NF EN 12053 norm		76 dB
oise to environment (LwA)		104 dB
ibration on hands/arms		< 2.50 m/s²
tiscellaneous		

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	-	

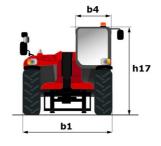
Options / Finishing

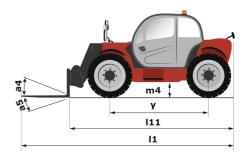
S : Standard / O : Optional / - : Not available

	Classic	
ifting function		
Boom 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 50° 60° 62.5° 8 6.90 – 7 40° 3000 Kg 6 30°⁵ 17 3500 kg 4 2500 kg /2000 kg 20°-<u>3</u> 1600 kg 1200 kg 1300 kg 2 10°-1 ်စ 0°— 0m -4°— 0.5m П 4 3 2 1 3.65 2.65 1.75 1.23 3.90 3.15 2.15 1.50 0 m 5





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