Technical sheet:

MLT-X 735 T LSU





Capacities		Metric
Max. capacity	Q	3500 kg
Max. lifting height	h3	6.90 m
Maximum outreach	no	3.90 m
Reach at max. height		1 m
Breakout force with bucket		6825 daN
Veight and dimensions		
Inladen weight (with forks)		7075 kg
round clearance	m4	0.44 m
/heelbase	у	2.81 m
verall length to carriage (with hitch)		4.79 m
verall length to carriage (without hitch)	13	4.76 m
ront overhang		1.19 m
verall width	b1	2.40 m
Overall cab width	b4	0.98 m
Overall height	h17	2.30 m
ilt-down angle	а5	134 °
ilt-up angle	a4	13 °
xternal turning radius (over tyres)	Wa1	3.86 m Alliance - A580 - 460/70 R24 159A8
tandard tires		
lrive wheels (front / rear)		2/2
teering mode	M	lanicrab, 2 wheel steer, 4 wheel steer, Crab m
Performances		
ifting		7.30 s
owering		5.60 s
xtension		8.20 s
letraction		6.60 s
rowd		3.20 s
Dump		2.70 s
Engine		2.700
Engine brand		Perkins
ingine norm		Stage IIIA
Max. fuel sulphur content		5000 ppm
ingine model		1104D-44 TA
lumber of cylinders - Capacity of cylinders		4 - 4400 cm³
ingine power (Hp / kW)		101 Hp / 74.50 kW
Max. torque / Engine rotation		410 Nm @1400 rpm
Prawbar pull (Laden)		8200 daN
leversible fan		Standard
ransmission		
ransmission type		Torque converter
earbox		Powershuttle
lumber of gears (forward / reverse)		4 / 4
		4 / 4 35 km/h
Max. travel speed (may vary according to applicable regulations)		
Offerential lock		Limited slip differential on front axle
Parking brake		Manual
ervice brake		Oil-immersed multi-discs on front & rear axle
lydraulics		
lydraulic pump type		Variable displacement pump
lydraulic flow - Pressure		108 l/min - 270 bar
low sharing distributor		Standard
ank capacities		
lydraulic tank capacity		135 I
uel		120 l
loise and vibration		
		76 dD
loise at driving position (LpA) tested following NF EN 12053 norm		76 dB
loise to environment (LwA)		104 dB
fibration on hands/arms		< 2.50 m/s²
Aiscellaneous Control of the Control		
ractor homologation		

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

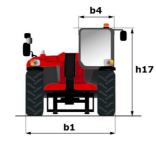
Options / Finishing

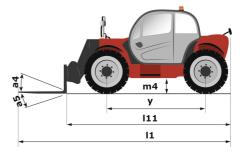
S: Standard / O: Optional / -: Not available

	Classic	Pleilliulli	Ente
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

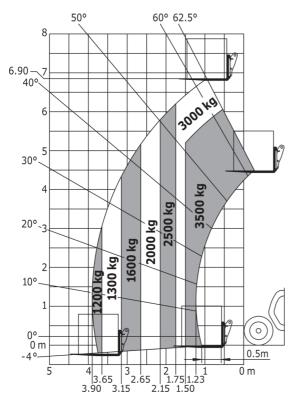






MLT-X 735 T LSU - Load chart

Machine on tires with forks Metric







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