Technical sheet :

## MLT-X 735 T LSU





<b>ilt-x 735 t lsu</b> Crea	ated on 2 May	/ 2024 at 4:23:30	) AM UTC
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Capacities		Metric	
lax. capacity	Q	3500 kg	
lax. lifting height	h3	6.90 m	
/ax. outreach		3.90 m	
Reach at max. height		1 m	
Breakout force with bucket		6825 daN	
Veight and dimensions			
Jnladen weight (with forks)		7075 kg	
Ground clearance	m4	0.44 m	
Vheelbase	у	2.81 m	
Dverall length to carriage (with hitch)	111	4.79 m	
Overall length to carriage (without hitch)	13	4.76 m	
Front overhang		1.19 m	
Dverall width	b1	2.40 m	
Dverall cab width	b4	2.40 m 0.98 m	
)verall height	h17	2.30 m	
ilt-down angle	a5	134 °	
ïlt-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			
ifting		7.30 s	
owering		5.60 s	
Extension		8.20 s	
Retraction		6.60 s	
Crowd		3.20 s	
Dump		2.70 s	
Engine		2.000	
Engine brand		Perkins	
Engine norm		Stage IIIA	
-			
Aax. fuel sulphur content		5000 ppm	
Engine model		1104D-44 TA	
Number of cylinders - Capacity of cylinders		4 - 4400 cm <sup>3</sup>	
.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			
Fransmission 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 axle	
-lydraulics			
Hydraulic pump type		Variable displacement pump	
lydraulic flow - Pressure		108 l/min - 270 bar	
low sharing distributor		Standard	
ank capacities			
lydraulic oil		135 I	
uel tank		120	
loise and vibration			
loise at driving position (LpA) tested following NF EN 12053 norm		76 dB	
Noise to environment (LwA)		104 dB	
/ibration to whole hand/arm		< 2.50 m/s <sup>2</sup>	
Miscellaneous			
Fractor homologation			
Controls		JSM	

## Optional tires tab

Optional tires	Overall height	Overall width
FIRESTONE - R8000 UT - 460/70 R24 159A8	2.30 m	2.40 m
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

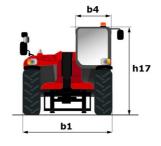
## **Options / Finishing**

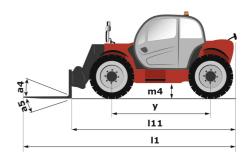
S : Standard / O : Optional / - : Not available

Lifting function
Boom suspension O
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 (50 W) 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









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



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