Technical sheet :

## MLT-X 735 T LSU





MLT-X 735 T LSU	Created on May	v 5, 2024 a	at 2:05:17	AM UTC
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	MLT-X 735 T LSU Created on May 5, 2024		
Capacities		Metric	
Max. capacity	Q	3500 kg	
Vax. lifting height	h3	6.90 m	
fax. outreach		3.90 m	
leach 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)	11	4.79 m	
verall length to carriage (without hitch)	13	4.76 m	
ront overhang	10	1.19 m	
Iverall width	b1	2.40 m	
Iverall cab width	bł		
		0.98 m	
Iverall height	h17	2.30 m	
ilt-down angle	a5	134 °	
ilt-up angle	a4	13 °	
xternal turning radius (over tyres)	Wa1	3.86 m	
tandard tires		Alliance - A580 - 460/70 R24 159A8	
trive wheels (front / rear)		2 / 2	
teering wheels (front / rear)		2 / 2	
Performances			
ifting		7.30 s	
owering		5.60 s	
xtension		8.20 s	
letraction		6.60 s	
Crowd		3.20 s	
Dump		2.70 s	
Engine			
ingine brand		Perkins	
ingine norm		Stage IIIA	
Aax. fuel sulphur content		5000 ppm	
ingine 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	
Aax. torque / Engine rotation		410 Nm @1400 rpm	
Irawbar pull (Laden)		8200 daN	
leversible fan		Standard	
ransmission		oundulu	
ransmission type		Torque converter	
earbox		Powershuttle	
lumber of gears (forward / reverse)		4 / 4	
Max. travel speed (may vary according to applicable regulations)		35 km/h	
lifferential lock		Limited slip differential on front axle	
arking 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 oil		135 l	
uel tank		120	
loise and vibration			
loise at driving position (LpA) tested following NF EN 12053 norm		76 dB	
loise to environment (LwA)		104 dB	
/ibration to whole hand/arm		< 2.50 m/s²	
<i>l</i> iscellaneous			
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

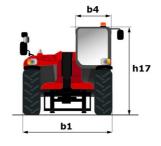
## **Options / Finishing**

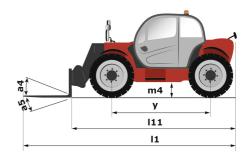
S : Standard / O : Optional / - : Not available

	Classic	
	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 (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









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