Technical sheet :

# MLT-X 735 T LSU





#### MLT-X 735 T LSU Created on April 25, 2024 at 9:46:52 AM UTC

Capacities		Metric	Imperial
Max. capacity	Q	3500 kg	7716 lb
Max. lifting height	h3	6.90 m	22 ft 8 in
Max. outreach		3.90 m	12 ft 10 in
Reach at max. height		1 m	3 ft 3 in
Breakout force with bucket		6825 daN	6825 daN
Weight and dimensions			
Unladen weight (with forks)		7075 kg	15598 lb
Ground clearance	m4	0.44 m	1 ft 5 in
Wheelbase	у	2.81 m	9 ft 3 in
Overall length to carriage (with hitch)	11	4.79 m	15 ft 9 in
Overall length to carriage (without hitch)	13	4.76 m	15 ft 7 in
Front overhang		1.19 m	3 ft 11 in
Overall width	b1	2.40 m	7 ft 10 in
Overall cab width	b4	0.98 m	3 ft 3 in
Overall height	h17	2.30 m	7 ft 7 in
ïlt-down angle	а5	134 °	134 °
ïlt-up angle	a4	13 °	13 °
External turning radius (over tyres)	Wa1	3.86 m	12 ft 8 in
tandard tires		Alliance - A580 - 460/70 R24 159A8	Alliance - A580 - 460/70 R24 159A8
rive wheels (front / rear)		2/2	2/2
Steering wheels (front / rear)		2/2	2/2
Performances			272
ifting		7.30 s	7.30 s
owering		5.60 s	5.60 s
xtension		8.20 s	8.20 s
etraction		6.60 s	6.60 s
Crowd		3.20 s	3.20 s
		2.70 s	2.70 s
Jump		2.70 \$	2.70 \$
Engine		Dedition	Deltine
ngine brand		Perkins	Perkins
Engine norm		Stage IIIA	Stage IIIA
Aax. fuel sulphur content		5000 ppm	5000 ppm
ngine model		1104D-44 TA	1104D-44 TA
Number of cylinders - Capacity of cylinders		4 - 4400 cm <sup>3</sup>	4 - 269 in <sup>3</sup>
.C. Engine power rating / Power		101 Hp / 74.50 kW	101 Hp / 74.50 kW
Max. torque / Engine rotation		410 Nm @1400 rpm	302 ft/lbs @1400 rpm
Drawbar pull (Laden)		8200 daN	8200 daN
Reversible fan		Standard	Standard
ransmission			
ransmission type		Torque converter	Torque converter
Searbox		Powershuttle	Powershuttle
lumber of gears (forward / reverse)		4 / 4	4 / 4
Nax. travel speed (may vary according to applicable regulations)		35 km/h	22 mph
Differential lock		Limited slip differential on front axle	Limited slip differential on front axle
Parking brake		Manual	Manual
Service brake		Oil-immersed multi-discs on front & rear axles	Oil-immersed multi-discs on front & rear axles
lydraulics			
lydraulic pump type		Variable displacement pump	Variable displacement pump
lydraulic flow - Pressure		108 l/min - 270 bar	29 US gpm - 3916 PSI
low sharing distributor		Standard	Standard
ank capacities			
lydraulic oil		135	36 US gal
uel tank		120	32 US gal
loise and vibration			
loise at driving position (LpA) tested following NF EN 12053 norm		76 dB	76 dB
loise to environment (LwA)		104 dB	104 dB
/ibration to whole hand/arm		< 2.50 m/s <sup>2</sup>	< 2.50 m/s <sup>2</sup>
/iscellaneous			
Fractor homologation			

### Optional tires tab

Optional tires	Overall height	Overall width
FIRESTONE - R8000 UT - 460/70 R24 159A8	7 ft 7 in (2.30 m)	7 ft 10 in (2.40 m)
NOKIAN - TRI STEEL - 460/65 R24 156A8	7 ft 5 in (2.27 m)	7 ft 10 in (2.38 m)
MICHELIN - XHA - 15.5 R25 158A2	7 ft 6 in (2.28 m)	7 ft 10 in (2.38 m)

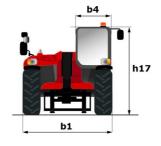
## **Options / Finishing**

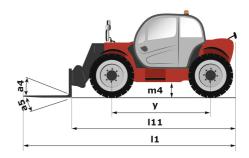
S : Standard / O : Optional / - : Not available

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Security	
Audio waming on reverse 0	

#### MLT-X 735 T LSU - Dimensional drawing









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