Technical sheet:

MLT-X 735 T LSU





Capacities		Metric	Imperial	
Max. capacity	Q	3500 kg	7716 lb	
Max. lifting height	h3	6.90 m	22 ft 8 in	
flax. outreach		3.90 m	12 ft 10 in	
each at max. height		1 m	3 ft 3 in	
reakout force with bucket		6825 daN	6825 daN	
Veight and dimensions				
nladen weight (with forks)		7075 kg	15598 lb	
round clearance	m4	0.44 m	1 ft 5 in	
/heelbase	у	2.81 m	9 ft 3 in	
verall length to carriage (with hitch)	J11	4.79 m	15 ft 9 in	
verall length to carriage (without hitch)	13	4.76 m	15 ft 7 in	
ront overhang	13	1.19 m	3 ft 11 in	
verall width	b1	2.40 m	7 ft 10 in	
verall cab width	b4	0.98 m	3 ft 3 in	
verall height	h17	2.30 m	7 ft 7 in	
It-down angle	a5	134 °	134 °	
It-up angle	a4	13 °	13 °	
ternal turning radius (over tyres)	Wa1	3.86 m	12 ft 8 in	
andard tires		Alliance - A580 - 460/70 R24 159A8	Alliance - A580 - 460/70 R24 159A8	
rive wheels (front / rear)		2 / 2	2/2	
eering wheels (front / rear)		2 / 2	2 / 2	
erformances				
fting		7.30 s	7.30 s	
owering		5.60 s	5.60 s	
rtension		8.20 s	8.20 s	
etraction		6.60 s	6.60 s	
owd		3.20 s	3.20 s	
итр		2.70 s	2.70 s	
ngine				
ngine brand		Perkins	Perkins	
ngine norm		Stage IIIA	Stage IIIA	
ax. fuel sulphur content		5000 ppm	5000 ppm	
ngine model		1104D-44 TA	1104D-44 TA	
umber of cylinders - Capacity of cylinders		4 - 4400 cm ³	4 - 269 in³	
C. Engine power rating / Power		101 Hp / 74.50 kW	101 Hp / 74.50 kW	
lax. torque / Engine rotation		410 Nm @1400 rpm	302 ft/lbs @1400 rpm	
wbar pull (Laden)		8200 daN 8200 daN		
eversible fan		Standard	Standard	
ransmission				
ransmission type		Torque converter	Torque converter	
earbox		Powershuttle	Powershuttle	
umber of gears (forward / reverse)		4 / 4	4 / 4	
ax. travel speed (may vary according to applicable regulations)		35 km/h	22 mph	
fferential lock		Limited slip differential on front axle	Limited slip differential on front axle	
arking brake		Manual	Manual	
ervice brake		Oil-immersed multi-discs on front & rear axles	Oil-immersed multi-discs on front & rear axle	
ydraulics				
ydraulic pump type		Variable displacement pump	Variable displacement pump	
ydraulic flow - Pressure		108 l/min - 270 bar	29 US gpm - 3916 PSI	
ow sharing distributor		Standard	Standard	
ank capacities				
ydraulic oil		135 l	36 US gal	
rel tank		120	32 US gal	
oise and vibration		1201		
pise at driving position (LpA) tested following NF EN 12053 norm		76 dB	76 dB	
pise to environment (LwA)		104 dB	104 dB	
bration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²	
iscellaneous				
ractor 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)

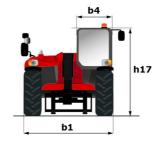
Options / Finishing

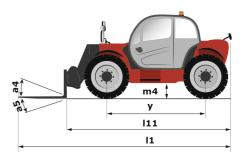
S: Standard / O: Optional / -: Not available

	Classic	Premium	Elite
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 (50 W)	s	<u> </u>	
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











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