Technical sheet :

# MLT-X 735 T LSU





#### MLT-X 735 T LSU Created on May 2, 2024 at 10:20:32 PM UTC

Capacities		Metric	
fax. capacity	Q	3500 kg	
fax. lifting height	h3	6.90 m	
ax. outreach	10	3.90 m	
each at max, height		1 m	
reakout force with bucket		6825 daN	
Veight and dimensions		0823 081	
		7075 ke	
nladen weight (with forks)		7075 kg	
round clearance	m4	0.44 m	
heelbase	У	2.81 m	
verall length to carriage (with hitch)	111	4.79 m	
verall length to carriage (without hitch)	13	4.76 m	
ront overhang		1.19 m	
verall width	b1	2.40 m	
verall cab width	b4	0.98 m	
verall height	h17	2.30 m	
It-down angle	a5	134 °	
It-up angle	a4	13 °	
xternal turning radius (over tyres)	Wa1	3.86 m	
andard tires	Wai	Alliance - A580 - 460/70 R24 159A8	
rive wheels (front / rear)		2/2	
teering wheels (front / rear)		2 / 2	
eformances			
ifting		7.30 s	
owering		5.60 s	
xtension		8.20 s	
etraction		6.60 s	
rowd		3.20 s	
ump		2.70 s	
ngine			
ngine brand		Perkins	
ngine norm			
lax. fuel sulphur content			
ngine model			
umber of cylinders - Capacity of cylinders			
C. Engine power rating / Power		101 Hp / 74.50 kW	
lax. torque / Engine rotation		410 Nm @1400 rpm	
rawbar pull (Laden)		8200 daN	
eversible fan		Standard	
ransmission			
ansmission type		Torque converter	
earbox			
umber of gears (forward / reverse)			
lax. travel speed (may vary according to applicable regulations)		8200 daN	
ifferential lock			
arking brake			
ervice brake		Oil-immersed multi-discs on front & rear axles	
ydraulics			
ydraulic pump type		Variable displacement pump	
ydraulic flow - Pressure		108 l/min - 270 bar	
low sharing distributor		Standard	
ank capacities			
ydraulic oil		135	
Jel tank		120	
oise and vibration			
oise at driving position (LpA) tested following NF EN 12053 norm		76 40	
		76 dB	
oise to environment (LwA)		104 dB	
ibration to whole hand/arm		< 2.50 m/s²	
<i>l</i> iscellaneous			
ractor homologation			

## 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

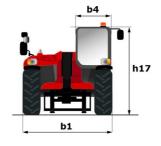
### **Options / Finishing**

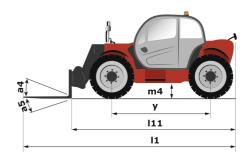
S : Standard / O : Optional / - : Not available

lectric predisposition on the top of the boom0lectrovalve for 2 hydraulic functions (on boom head)0lectrovalve for 2 hydraulic functions (on boom head)0ydraulic attachment locking0etum pipe to hydraulic oil tank0operator station0uir conditioning with manual adjustment0in conditioning with manual adjustment0uir suspension cloth-covered seat0luetooth CD MP3 radio0D MP3 car radio0vyoloni air pre-filter0ow frequency air suspension cloth seat with heating0ow frequency air suspension cloth seat with heating0techanical cloth-covered seatSuner car radio (50 W)Stotrization/Power0ttachment hydraulic fow control system0continuous flow hydraulics0eordady functions0pair of pre-fitted Double Action rear hydraulic couplers0utomatic rotating towing hitch on counterweight0anual rotating towing hitch on counterweight0tanual rotating towing hitch on counterweight0tighting0ront and rear LED work lights on cab (x4 : 2 front + 2 rear)0	
Boom suspension      0        Electric predisposition on the top of the boom      0        Electrovalve for 2 hydraulic functions (on boom head)      0        Aydraulic attachment locking      0        Vetum pipe to hydraulic oil tank      0        Operator station      0        Nir conditioning with manual adjustment      0        Nir suspension cloth-covered seat      0        Bluetoott CD MP3 radio      0        DD MP3 carradio      0        Cyclonic air pre-filter      0        Sow frequency air suspension cloth seat with heating      0        Vetorization/Power      0        Soutofization/Power      0        Vatachment hydraulic flow control system      0        Continuous flow hydraulics      0        Secondary functions      0        Vatoratior rotating towing hitch on counterweight      0        Aunual rotating towing hitch      0        Signifig      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  0    Air conditioning with manual adjustment  0    Air suspension cloth-covered seat  0    Bluetooth CD MP3 radio  0    CO MP3 carradio  0    Cyclonic air pre-filter  0    Low frequency air suspension cloth seat with heating  0    Motorization/Power  0    Attachment hydraulic flow control system  0    Continuous flow hydraulics  0    Secondary functions  0    Automatic rotating towing hitch on counterweight  0    Manual rotating towing hitch  0    Manual rotating towing hitch  0    Lighting  0	_
Electrovalve for 2 hydraulic functions (on boom head)    0      Hydraulic attachment locking    0      Return pipe to hydraulic oil tank    0      Operator station    0      Air conditioning with manual adjustment    0      Air suspension cloth-covered seat    0      Bluetooth CD MP3 radio    0      Cyclonic air pre-filter    0      Low frequency air suspension cloth seat with heating    0      Mechanical cloth-covered seat    0      Subord for Wy    S      Attachment hydraulic flow control system    0      Continuous flow hydraulics    0      Secondary functions    0      Automatic rotating towing hitch on counterweight    0      Automatic rotating towing hitch    0      Automatic rotating towing hitch    S      Lighting    S      Front and rear LED work lights on cab (x4 : 2 front + 2 rear)    0	
Hydraulic attachment locking0Retum pipe to hydraulic oil tank0Operator station0Air conditioning with manual adjustment0Air suspension cloth-covered seat0Bluetooth CD MP3 radio0CD MP3 car radio0Cyclonic air pre-filter0Low frequency air suspension cloth seat with heating0Motorization/Power0Motorization/Power0Attachment hydraulic flow control system0Continuous flow hydraulics0Secondary functions0Secondary functions0Automatic rotating towing hitch0Automatic rotating towing hitch0Lighting0Front and rear LED work lights on cab (x4 : 2 front + 2 rear)0	
Return pipe to hydraulic oil tank0Operator station0Air conditioning with manual adjustment0Air suspension cloth-covered seat0Bluetooth CD MP3 radio0CD MP3 car radio0Cyclonic air pre-filter0Low frequency air suspension cloth seat with heating0Motorization/Power0Attachment hydraulic flow control system0Continuous flow hydraulics0Self cleaning air pre-filter01 pair of pre-filted Double Action rear hydraulic couplers0Automatic rotating towing hitch0Automatic rotating towing hitch0Lighting0Front and rear LED work lights on cab (x4 : 2 front + 2 rear)0	
Operator station    0      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    0      Low frequency air suspension cloth seat with heating    0      Mechanical cloth-covered seat    0      Tuner car radio (50 W)    S      Motorization/Power    0      Attachment hydraulic flow control system    0      Continuous flow hydraulics    0      Self cleaning air prefilter    0      Secondary functions    0      Automatic rotating towing hitch on counterweight    0      Manual rotating towing hitch    S      Liphting    S      Front and rear LED work lights on cab (x4 : 2 front + 2 rear)    0	
Air conditioning with manual adjustment0Air conditioning with manual adjustment0Air suspension cloth-covered seat0Bluetoth CD MP3 radio0CD MP3 car radio0Cyclonic air pre-filterSLow frequency air suspension cloth seat with heating0Mechanical cloth-covered seatSTuner car radio (50 W)SMotorization/Power0Attachment hydraulic flow control system0Continuous flow hydraulics0Self cleaning air prefilter0Secondary functions0Automatic rotating towing hitch on counterweight0Manual rotating towing hitchSLightingSFront and rear LED work lights on cab (x4 : 2 front + 2 rear)0	
Air suspension cloth-covered seat0Bluetooth CD MP3 radio0CD MP3 car radio0Cyclonic air pre-filterSLow frequency air suspension cloth seat with heating0Mechanical cloth-covered seatSTuner car radio (50 W)SMotorization/Power0Attachment hydraulic flow control system0Continuous flow hydraulics0Self cleaning air prefilter0Self cleaning air prefilter0Secondary functions01 pair of pre-fitted Double Action rear hydraulic couplers0Automatic rotating towing hitch on counterweight0Manual rotating towing hitchSLightingSFront and rear LED work lights on cab (x4 : 2 front + 2 rear)0	
Bluetoth CD MP3 radio0CD MP3 car radio0Cyclonic air pre-filterSLow frequency air suspension cloth seat with heating0Mechanical cloth-covered seatSTuner car radio (50 W)SMotorization/Power0Attachment hydraulic flow control system0Continuous flow hydraulics0Self cleaning air prefilter0Secondary functions01 pair of pre-fitted Double Action rear hydraulic couplers0Automatic rotating towing hitch on counterweight0Manual rotating towing hitchSLightingTFront and rear LED work lights on cab (x4 : 2 front + 2 rear)0	
CD MP3 car radio0Cyclonic air pre-filterSLow frequency air suspension cloth seat with heating0Mechanical cloth-covered seatSTuner car radio (50 W)SMotorization/Power0Attachment hydraulic flow control system0Continuous flow hydraulics0Self cleaning air prefilter0Self cleaning air prefilter0Secondary functions01 pair of pre-fitted Double Action rear hydraulic couplers0Automatic rotating towing hitch on counterweight0Manual rotating towing hitchSLightingSFront and rear LED work lights on cab (x4 : 2 front + 2 rear)0	
Cyclonic air pre-filterSLow frequency air suspension cloth seat with heatingOMechanical cloth-covered seatSTuner car radio (50 W)SMotorization/PowerOAttachment hydraulic flow control systemOContinuous flow hydraulicsOSelf cleaning air prefilterOSecondary functionsO1 pair of pre-fitted Double Action rear hydraulic couplersOAutomatic rotating towing hitch on counterweightOManual rotating towing hitchSLightingFront and rear LED work lights on cab (x4 : 2 front + 2 rear)O	
Low frequency air suspension cloth seat with heating0Mechanical cloth-covered seatSTuner car radio (50 W)SMotorization/Power0Attachment hydraulic flow control system0Continuous flow hydraulics0Self cleaning air prefilter0Secondary functions01 pair of pre-fitted Double Action rear hydraulic couplers0Automatic rotating towing hitch on counterweight0Manual rotating towing hitchSLightingFront and rear LED work lights on cab (x4 : 2 front + 2 rear)0	
Mechanical cloth-covered seatSTuner car radio (50 W)SMotor/zation/Power0Attachment hydraulic flow control system0Continuous flow hydraulics0Self cleaning air prefilter0Secondary functions01 pair of pre-fitted Double Action rear hydraulic couplers0Automatic rotating towing hitch on counterweight0Manual rotating towing hitchSLightingFront and rear LED work lights on cab (x4 : 2 front + 2 rear)0	
Tuner car radio (50 W)  S    Motorization/Power  0    Attachment hydraulic flow control system  0    Continuous flow hydraulics  0    Self cleaning air prefilter  0    Secondary functions  0    1 pair of pre-fitted Double Action rear hydraulic couplers  0    Automatic rotating towing hitch on counterweight  0    Manual rotating towing hitch  S    Lighting  To    Front and rear LED work lights on cab (x4 : 2 front + 2 rear)  0	
Motorization/Power    0      Attachment hydraulic flow control system    0      Continuous flow hydraulics    0      Self cleaning air prefilter    0      Secondary functions    0      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	
Attachment hydraulic flow control system  0    Continuous flow hydraulics  0    Self cleaning air prefilter  0    Secondary functions  0    1 pair of pre-fitted Double Action rear hydraulic couplers  0    Automatic rotating towing hitch on counterweight  0    Manual rotating towing hitch  S    Lighting  5    Front and rear LED work lights on cab (x4 : 2 front + 2 rear)  0	
Continuous flow hydraulics  0    Self cleaning air prefilter  0    Secondary functions  0    1 pair of pre-fitted Double Action rear hydraulic couplers  0    Automatic rotating towing hitch on counterweight  0    Manual rotating towing hitch  S    Lighting  1    Front and rear LED work lights on cab (x4 : 2 front + 2 rear)  0	
Self cleaning air prefilter  0    Secondary functions  0    1 pair of pre-fitted Double Action rear hydraulic couplers  0    Automatic rotating towing hitch on counterweight  0    Manual rotating towing hitch  S    Lighting  0    Front and rear LED work lights on cab (x4 : 2 front + 2 rear)  0	
Secondary functions  O    1 pair of pre-fitted Double Action rear hydraulic couplers  O    Automatic rotating towing hitch on counterweight  O    Manual rotating towing hitch  S    Lighting  T    Front and rear LED work lights on cab (x4 : 2 front + 2 rear)  O	
1 pair of pre-fitted Double Action rear hydraulic couplers  0    Automatic rotating towing hitch on counterweight  0    Manual rotating towing hitch  S    Lighting	
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	
Manual rotating towing hitch  S    Lighting     Front and rear LED work lights on cab (x4:2 front + 2 rear)  O	
Manual rotating towing hitch  S    Lighting  0	
Lighting    Front and rear LED work lights on cab (x4:2 front + 2 rear)    0	
Front and rear LED work lights on cab (x4 : 2 front + 2 rear) 0	
Security	
Audio waming 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



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