Technical sheet :

## **MLT-X 741 T LSU**



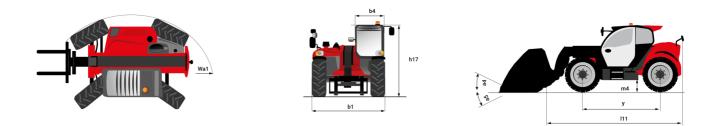


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Shadad ties       Firestone - R8000 UT - 460/70 R24 159A         Performances       Image: Control of C	Tilt-up angle	a4 13 °	
Performances       Initial       Initial         Lifting       8.10 s         Lifting       8.10 s         Extension       8.10 s         Extension       8.40 s         Retraction       6.80 s         Cirowid       3.80 s         Dump       3.20 s         Engine brand       9         Engine nom       8.10 s         Engine nom       8.10 s         Engine nom       8.10 s         Engine nom       8.10 s         Stage IIIA       8.10 s         Stage IIIA       8.10 s         Stage IIIA       8.10 s         Engine nom       4.1400 cm <sup>4</sup> Stage IIIA       8.10 s         Engine nom       4.1400 cm <sup>4</sup> Number of cylinders - Capacity of cylinders       4.1400 cm <sup>4</sup> Lift Engine coltion       4.10 Nm of 1600 pm         Davbar pull (Laden)       7.15 NM       8.20 da A         Reversible fan       5.20 da A         Engine coltion system       10 Nm / 10 Nm / 10 Nm of 100 pm         Transmission type       10 Nm / 10 Nm of 100 PM / 10 Nm of 10 Nm / 10 Nm of 10 PM / 10 Nm of 10 PM /	External turning radius (over tyres)	Wa1 3.86 m	
Lifting   8.10 s     Loweing   6.20 s     Extension   6.80 s     Retraction   6.80 s     Crowd   3.80 s     Dump   3.20 s     Engine nom   Stage IIA     Engine nom   Stage IIA     Engine nome   3.20 s     Engine nome   Stage IIA     Engine nome   3.20 s     Engine nome   Stage IIA     I.C. Engine power rating / Power   101 Hp / 74.50 kW     Max. toruy / Engine rotation   4.4400 cm <sup>3</sup> Drawbar puil (iden)   3.20 dot M     Engine coling system   3.10 lations water + intercoler + transmission     Transmission type   Standard     Searcian (averse)   4/40     Number of geas (forward / reverse)   4/4     Service brake   Standard     Engine induk   Uimeted Stig differential on fortate     Paking brake   Standard     Service brake   Standard     Hydraulic flow - Pressue   108 l/min - 270 bar     Flow shand distitutor   Standard	Standard tires	Firestone - R8000 UT - 460/70 R24 159	9A8
Lovering       6.20 s         Extension       6.20 s         Extension       8.40 s         Extension       6.80 s         Crowd       3.80 s         Dunp       3.20 s         Engine brand       8.20 s         Engine nom       Stage IIA         Engine nom       Stage IIA         Engine nom       Stage IIA         Number of cylinders - Capacity of cylinders       4.4400 cm <sup>2</sup> LC. Engine power rating / Power       4.4400 cm <sup>2</sup> Max. torque / Engine totation       4.101 Nm @1600 pm         Drawbarpull (Liders)       3.00 daN         Reversible fan       Standard         Engine cotation       3.00 daN         Reversibule fan       Standard         Engine cotation system       3.00 daN         Reversibule fan       Standard         Engine cotation system       Torque converter         Geadox       Reversibulie         Number of gears (forward / reverse)       Max. travel Speed (may say accoding to applicable regulations)         Differential tock       Standard         Parking back       Standard         Strinde black       Standard	Performances		
Extension     840 s       Retraction     6.00 s       Corord     3.00 s       Dump     3.20 s       Engine Mode     9       Engine model     9       Engine model     9       Number of cylinders - Capacity of cylinders     4.4 400 cm <sup>3</sup> LC. Engine power näng / Power     4.101 Hp / 74.50 kW       Max. torque / Engine notal     101 Hp / 74.50 kW       Reversible fan     3200 daN       Reversible fan     3200 daN       Engine colling system     101 Hp / 74.50 kW       Transmission type     3 radiators water / Intercoller /	Lifting	8.10 s	
Retaction     6.80 s       Crowd     3.80 s       Dump     3.20 s       Engine brand     3.20 s       Engine brand     See get IIA       Engine model     11040-44 T       Crower stating / Powers     4.4400 cm <sup>3</sup> C. Engine protecting / Powers     4.101 hm (2+50 kW       Max. torque / Engine rotation     410 hm (2+50 kW       Max. torque / Engine rotation     3.80 diators water + intercooler + transmission       Tansmission Npe     Stadiators water + intercooler + transmission       Tansmission Npe     Torque converter       Gearbox     Powershuttle       Number of geas (forward / reverse)     4.4 do       Max. twors geed (may vara cording to applicable regulations)     Torque converter       Paking back     Torque converter       Paking back     Standard       Senice brake     108 I/min - 270 bar       Hydraulic file nor - Pessure     108 I/min - 270 bar       Hydraulic file     135 I       Hydraulic file     135 I   <	Lowering	6.20 s	
Crowd     3.80 s       Dump     3.20 s       Engine brand     3.20 s       Engine brand     Perkins       Engine nom     Stage III A       Engine model     11040-44 T       Number of cylinders - Capacity of cylinders     4.4400 cm <sup>4</sup> LC. Engine power rating / Power     101 Hp / 74.50 kW       Max. torque / Engine rotation     4.400 cm <sup>4</sup> Darawbar pull (Loden)     8200 daN       Reversible fan     Standard       Engine power rating / Power     Standard       Tansmission type     3 radiators water + intercoler + transmission       Transmission type     Torque converter       Gearbox     Powershutte       Number of gears (forward / reverse)     4.440       Max. travel speed (may vay according to applicable regulations)     35 km/h       Differential lock     4/4       Parking brake     0I-immersed multi-discs braking on from tall aakes       Hydraulic flow - Pressure     Standard       Flow sharing distributor     Standard       Hydraulic oil     135 l       Flow sharing distributor     Standard       Hydraulic oil     135 l       Fuel tan k	Extension	8.40 s	
Crowd     3.80 s       Dump     3.20 s       Engine brand     3.20 s       Engine brand     Perkins       Engine nom     Stage III A       Engine model     11040-44 T       Number of cylinders - Capacity of cylinders     4.4400 cm <sup>4</sup> LC. Engine power rating / Power     101 Hp / 74.50 kW       Max. torque / Engine rotation     4.400 cm <sup>4</sup> Darawbar pull (Loden)     8200 daN       Reversible fan     Standard       Engine power rating / Power     Standard       Tansmission type     3 radiators water + intercoler + transmission       Transmission type     Torque converter       Gearbox     Powershutte       Number of gears (forward / reverse)     4.440       Max. travel speed (may vay according to applicable regulations)     35 km/h       Differential lock     4/4       Parking brake     0I-immersed multi-discs braking on from tall aakes       Hydraulic flow - Pressure     Standard       Flow sharing distributor     Standard       Hydraulic oil     135 l       Flow sharing distributor     Standard       Hydraulic oil     135 l       Fuel tan k	Retraction		
Dump     3.20 s       Engine Darad     III       Engine brand     Perkins       Engine model     1104.0-44 T       Number of cylinders - Capacity of cylinders     1104.0-44 T       1. C. Engine power atting / Power     1011 Hp / 74.50 kW       Max. torque / Engine rotation     4.4400 cm <sup>3</sup> LLC.       1. C. Engine power atting / Power     1011 Hp / 74.50 kW       Max. torque / Engine rotation     410 Nm @1600 pm       Drawbar pull (Laden)     3 radiators water intercooler + transmission       Transmission     3 radiators water - intercooler + transmission       Transmission type     101 Hp / 74.50 kM       Number of gears (forward / reverse)     101 Hp / 74.50 kM       Number of gears (forward / reverse)     101 Hp / 74.50 kM       Number of gears (forward / reverse)     101 Hp / 74.50 kM       Number of gears (forward / reverse)     101 Hp / 74.50 kM       Number of gears (forward / reverse)     101 Hp / 74.50 kM       Service brake     101 Hp / 74.50 kM       Service brake     101 Hp / 74.50 kM       Service brake     101 Hp / 74.50 kM       Hydraulic flow - Pressue     101 Hp / 74.50 kM       Hydraulic flow - Pressue     101 Hp / 74.50 kM			
Engine     Perkins       Engine brand     Stage IIIA       Engine mome     Stage IIIA       Engine model     11140-44 T       Number of cylinders - Capacity of cylinders     4 - 4400 cm <sup>3</sup> LC. Engine power rating / Power     101 Hp / 74.50 kW       Max. torque / Engine cotation     410 Nm @1600 pm       Drawbar pull (Laten)     Standard       Engine soution     Standard       Engine cotation     Standard       Transmission     Standard       Transmission type     Torque converter       Gearbox     Powershuttle       Number of gears (forward / reverse)     4 1 4 4       Max. tareal speed (may vary according to applicable regulations)     35 km/h       Differential lock     Hydraulic flow - Pressure     Service brake       Hydraulic flow - Pressure     108 l/min - 270 bar       Flow sharing distributor     Standard     atles       Hydraulic oil     135 l     142 l			
Engine brand     Perkins       Engine norm     Stage IIIA       Engine norde     11040-44 T       Number of cylinders - Capacity of cylinders     4.4400 cm <sup>3</sup> LC. Engine power rating / Power     101 Hp / 74.50 kW       Max. torque / Engine rotation     410 Nm @1600 pm       Drawbar pull (Laden)     8200 daN       Reversible Fan     Standard       Engine cooling system     3 radiators water + intercooler + transmissio       Transmission type     0       Gearbox     Powershuttle       Number of gears (forward / reverse)     3 km/h       Differential lock     35 km/h       Parking brake     35 km/h       Differential lock     101 Hp / 72/D bar       Parking brake     01-merced autors at a standard       Service brake     35 km/h       Hydraulic flow - Pressure     Standard       Flow shanding distututor     Standard       Tank capacities     Standard       Hydraulic oil     135.1       Fuel tank     135.1 <td>·</td> <td></td> <td></td>	·		
Engine nom     Stage IIIA       Engine nome     11040-44 T       Number of cylinders - Capacity of cylinders     4 - 4400 cm <sup>3</sup> 10. Engine power rating / Power     101 Hp / 74.50 kW       Max. torque / Engine rotation     3100 km g1600 pm       Dawbar pull (Laden)     8200 daN       Reversible fan     Standard       Engine cooling system     31 adiators water + transmission       Transmission type     0       Geatox     Powershuttle       Number of gars (forward / reverse)     4 / 4       Max. tarsque (may vary according to applicable regulations)     35 km/h       Differential lock     108 l/min - 270 bar       Falving brake     Standard       Service brake     108 l/min - 270 bar       Hydraulic flow - Pressure     108 l/min - 270 bar       Hydraulic oli     1351       Fuel tark     1351 <td></td> <td>Perkins</td> <td>-</td>		Perkins	-
Engine model     11040-44 T       Number of cylinders - Capacity of cylinders     4.400 cm³       LC. Engine power rating / Power     101 Hp / 74.50 kW       Max. torque / Engine rotation     101 Hp / 74.50 kW       Drawbar pull (Laden)     8200 daN       Reversible fan     3 radiators water + intercooler + transmission       Engine cooling system     3 radiators water + intercooler + transmission       Transmission type     0       Geatox     70rque converter       Number of gears (forward / reverse)     4 / 4 / 4       Max. travel speed (may vay according to applicable regulations)     014 Hirter at a standard       Differential lock     108 //m / motore at a standard       Parking brake     108 //m / motore at a standard       Service brake     014 Hirter at a standard       Hydraulic flow - Pressure     Standard       Hydraulic flow - Pressure     Standard       Hydraulic flow - Pressure     108 //m / 270 bar       Flow shating distibutor     108 //m / 270 bar       Flow shating distibutor     103 Standard       Fuel tank     1421       Noise at diving position (LpA) tested following NF EN 12053 norm     76 dB			
Number of cylinders - Capacity of cylinders     4 - 4400 cm³       I.C. Engine power rating / Power     101 Hp / 74.50 kW       Max. torque / Engine rotation     3 radiators water + intercooler + transmissio       Preversible fan     3 radiators water + intercooler + transmissio       Transmission type     3 radiators water + intercooler + transmissio       Cearbox     70rque converter       Searbox     70rque converter       Number of gears (forward / reverse)     4 / 4 / 4       Max. travel speed (may vary according to applicable regulations)     5 km/h       Diffeential lock     Limited slip diffeential on front axte       Parking brake     01-limmersed multi-discs braking on front axte       Hydraulic flow - Pressure     108 l/min - 270 bar       Flow sharing distributor     135 l       Fue tank     135 l			
I.C. Engine power rating / Power     101 Hp / 74.50 kW       Max. torque / Engine rotation     410 Nm @1600 pm       Drawbar pul (Laden)     8200 daN       Reversible fan     3 radiators water + intercooler + transmission       Transmission type     0       Gearbox     Powershutte       Number of gears (forward / reverse)     101 Hp / 74.50 kW       Max. travel speed (may vary according to applicable regulations)     3 radiators water + intercooler + transmission       Differential lock     70 roque converter       Parking brake     35 km/h       Service brake     01-immersed malti-discs braining on strain and coverable parking on from axile and coverable parking brake       Hydraulic flow - Pressure     108 l/min - 270 bar       Flow sharing distributor     3 tandard       Tank capacities     108 l/min - 270 bar       Fue lank     108 l/min - 270 bar       Noise at diving position (LpA) tested following NF EN 12053 norm     76 dB			
Max. torque / Engine rotation     410 Nm @1600 pm       Drawbar pull (Laden)     8200 daN       Reversible fan     Standard       Engine cooling system     3 radiators water intercooler itercooler itercoo			
Drawbar pull (Laden)     200 daN       Reversible fan     Standard       Engine cooling system     3 radiators water + intercooler + transmission       Transmission type     Torque converter       Geadox     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     Mechanical hand-operated parking brak       Service brake     Oil-immersed multi-disce braking on front & axles       Hydraulic flow - Pressure     Standard       Flow sharing distributor     Standard       Tank capacities     108 //min - 270 bar       Hydraulic oil     135 1       Hydraulic oil     135 1       Flow sharing distributor     135 1       Tank capacities     135 1       Hydraulic oil     135 1       Kustand     135 1       Hydraulic oil     135 1       Hydraulic oil     135 1       Hydraulic oil     135 1       Flow sharing distributor     135 1       Flow sharing distributor     135 1       Hydraulic oil			
Reversible fan     Standard       Engine cooling system     3 radiators water + intercooler + transmission       Transmission type     Image: Standard       Geabox     Powershuttle       Number of gears (forward / reverse)     Image: Standard       Max. travel speed (may vary according to applicable regulations)     Standard       Differential lock     Image: Standard       Parking brake     Limited slip differential on front axle       Parking brake     Mechanical hand-operated parking braking or from standard stales       Service brake     Oil-immersed multi-discs braking on front & axles       Hydraulic flow - Pressure     Image: Standard       Flow sharing distributor     Standard       Tank capacities     Image: Standard       Hydraulic oil     Image: Standard			
Engine cooling system     3 radiators water + intercooler + transmission       Transmission     Transmission type       Gearbox     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     Mechanical hand-operated parking brake       Service brake     Oll-immersed multi-discs braking on front & axles       Hydraulic flow - Pressure     108 l/min - 270 bar       Flow sharing distributor     Standard       Hydraulic oil     135 l       Fue tank     135 l       Fue tank     142 l       Noise at driving position (LpA) tested following NF EN 12053 norm     76 dB			
Transmission     Image: Converted of Convertion       Transmission 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 operated parking brake       Parking brake     Mechanical hand-operated parking braking brak       Service brake     Mechanical hand-operated parking brak mere multi-discs braking on front & axles       Hydraulics     108 l/min - 270 bar       Flow sharing distributor     Standard       Tank capacities     135 l       Hydraulic oil     135 l       Fuel tank     142 l       Noise at driving position (LpA) tested following NF EN 12053 norm     76 dB			
Transmission type     Torque converter       Gearbox     Powershuttle       Number of gears (forward / reverse)     1       Max. travel speed (may vary according to applicable regulations)     35 km/h       Differential lock     1       Parking brake     Mechanical hand-operated parking brake       Service brake     0il-immersed multi-discs braking on front & axles       Hydraulics     108 l/min - 270 bar       Flow sharing distributor     108 l/min - 270 bar       Tank capacities     108 l/min - 270 bar       Hydraulic oil     103 l/min - 270 bar       Flow sharing distributor     103 l/min - 270 bar       Tank capacities     1142 l       Noise and vibration     142 l       Noise at driving position (LpA) tested following NF EN 12053 norm     76 dB	Engine cooling system	3 radiators water + intercooler + transmiss	sion oil
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     Mechanical hand-operated parking brake       Service brake     Oil-immersed multi-discs braking on front & axles       Hydraulics     108 l/min - 270 bar       Flow sharing distributor     Standard       Tank capacities     108 l/min - 270 bar       Hydraulic oil     103 l 31       Fuel tank     142 l       Noise and vibration     142 l       Noise at driving position (LpA) tested following NF EN 12053 norm     76 dB	Transmission		
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     Mechanical hand-operated parking brakk       Service brake     Oil-immersed multi-discs braking on front axles       Hydraulics     108 l/min - 270 bar       Flow sharing distributor     Standard       Tank capacities     108 l/min - 270 bar       Hydraulic oil     135 l       Fuel tank     135 l       Noise and vibration     142 l       Noise at driving position (LpA) tested following NF EN 12053 norm     76 dB	Transmission type	Torque converter	
Max. travel speed (may vary according to applicable regulations)     35 km/h       Differential lock     Limited slip differential on front axle       Parking brake     Mechanical hand-operated parking brake       Service brake     Oil-immersed multi-discs braking on front & axles       Hydraulics     108 l/min - 270 bar       Flow sharing distributor     Standard       Tank capacities     108 l/min - 270 bar       Hydraulic oil     135 l       Fuel tank     135 l       Noise and vibration     142 l       Noise at driving position (LpA) tested following NF EN 12053 norm     76 dB	Gearbox	Powershuttle	
Differential lock     Limited slip differential on front axle       Parking brake     Mechanical hand-operated parking brake       Service brake     Oil-immersed multi-discs braking on front & axles       Hydraulics     Immersed multi-discs braking on front & axles       Hydraulic flow - Pressure     108 l/min - 270 bar       Flow sharing distributor     Standard       Tank capacities     Immersed multi-discs from from taxles       Hydraulic oil     135 l       Fuel tank     142 l       Noise and vibration     76 dB	Number of gears (forward / reverse)	4 / 4	
Parking brake     Mechanical hand-operated parking brakk       Service brake     Oil-immersed multi-discs braking on front & axles       Hydraulics     Immersed multi-discs braking on front & axles       Hydraulic flow - Pressure     Immersed multi-discs braking on front & axles       Flow sharing distributor     Immersed multi-discs braking on front & axles       Tank capacities     Immersed multi-discs braking on front & axles       Hydraulic oil     Immersed multi-discs braking on front & axles       Fuel tank     Immersed multi-discs braking on front & axles       Noise and vibration     Immersed multi-discs braking on front & axles       Noise at driving position (LpA) tested following NF EN 12053 norm     Immersed multi-discs braking on front & axles	Max. travel speed (may vary according to applicable regulations)	35 km/h	
Service brake   Oil-immersed multi-discs braking on front & axles     Hydraulics   Image: Service brake   Image: Service brake     Hydraulic flow - Pressure   Image: Service brake   Image: Service brake     Hydraulic flow - Pressure   Image: Service brake   Image: Service brake     Flow sharing distributor   Standard     Tank capacities   Image: Service brake     Hydraulic oil   Image: Service brake     Fuel tank   Image: Service brake     Noise and vibration   Image: Service brake     Noise at driving position (LpA) tested following NF EN 12053 norm   Test service brake	Differential lock	Limited slip differential on front axl	le
Service brake     Oil-immersed multi-discs braking on front & axles       Hydraulics     Immersed multi-discs braking on front & axles       Hydraulic flow - Pressure     Immersed multi-discs braking on front & axles       Flow sharing distributor     Immersed multi-discs braking on front & axles       Tank capacities     Immersed multi-discs braking on front & axles       Hydraulic oil     Immersed multi-discs braking on front & axles       Fuel tank     Immersed multi-discs braking on front & axles       Noise and vibration     Immersed multi-discs braking on front & axles       Noise at driving position (LpA) tested following NF EN 12053 norm     Immersed multi-discs braking on front & axles	Parking brake	Mechanical hand-operated parking bra	ake
HydraulicsImage: Constraint of the sense of t		Oil-immersed multi-discs braking on fron	
Hydraulic flow - Pressure   108 l/min - 270 bar     Flow sharing distributor   Standard     Tank capacities   108     Hydraulic oil   108     Fuel tank   135 l     Noise and vibration   142 l     Noise at driving position (LpA) tested following NF EN 12053 norm   76 dB	Hydraulics		
Flow sharing distributor   Standard     Tank capacities   Image: Comparison of the standard     Hydraulic oil   Image: Comparison of the standard     Fuel tank   142 l     Noise and vibration   Image: Comparison of the standard     Noise at driving position (LpA) tested following NF EN 12053 norm   The standard		108 l/min - 270 bar	
Tank capacities     Hydraulic oil   135 l     Fuel tank   142 l     Noise and vibration   0     Noise at driving position (LpA) tested following NF EN 12053 norm   76 dB	•		
Hydraulic oil   135 l     Fuel tank   142 l     Noise and vibration   0     Noise at driving position (LpA) tested following NF EN 12053 norm   76 dB			
Fuel tank   142 l     Noise and vibration      Noise at driving position (LpA) tested following NF EN 12053 norm   76 dB		135	
Noise and vibration     Control       Noise at driving position (LpA) tested following NF EN 12053 norm     76 dB			
Noise at driving position (LpA) tested following NF EN 12053 norm 76 dB			
Noise to environment (LWA) 104 dB			
Vibration to whole hand/arm < 2.50 m/s <sup>2</sup>		< 2.50 m/s <sup>2</sup>	
Miscellaneous			
Tractor homologation Tractor homologation			
Safety cab homologation ROPS - FOPS level 2 cab	Safety cab homologation		
Controls JSM	Controls	JSM	

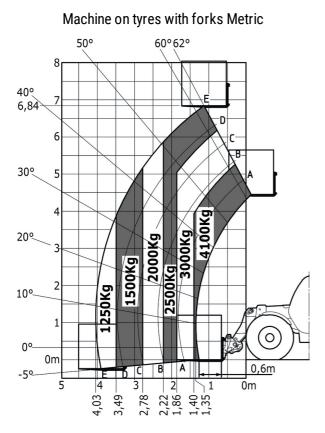
## **Optional tires tab**

Optional tires	Overall height	Overall width
ALLIANCE - A580 - 460/70 R24 159A8	2.30 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.27 m	2.38 m
MICHELIN - XMCL - 460/70 R24 159A8	2.28 m	2.38 m
MICHELIN - XMCL - 500/70 R24 164A8	2.30 m	2.41 m

## MLT-X 741 T LSU - Dimensional drawing



## MLT-X 741 T LSU - Load chart





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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