Technical sheet:

MLT-X 735 T LSU





		MLT-X 735 T LSU Created	l on September 17, 2025 at 5:56 AM L
Max casolorly	Capacities		Metric
Ass. Simple playshy AS 6.90 m Neck of time, bright 3.90 m Neck of time, bright 6.00 m Seck of time, bright bucket 6.00 m Reposit force with bucket 6.00 m Reposit force with bucket 7.00 m Reposit force with bucket 9.00 m Stock of Learning (with bulket) 111 4.73 m Sweal length to canning (with bulket) 131 4.73 m Sweal length to canning (with bulket) 131 4.73 m Sweal length to canning (with bulket) 151 4.24 m Sweal length to canning (with bulket) 151 2.48 m Sweal length to canning (with bulket) 151 4.24 m Sweal length to canning (with bulket) 151 2.48 m Sweal length to canning (with bulket) 151 2.41 m Sweal length to canning (with bulket) 151 2.41 m Sweal length to canning (with bulket) 151 2.41 m Sweal length to canning (with bulket) 151 2.41 m Sweal length to canning (with bulket) 151 2.41 m	Max. capacity	Q	
Maximum omnorcho 3.00m Beakoud froew in backet 6525 skill Unifolder early from forfox) 4 Door deterance m 0.000 skill Uniford contage (with batch) 11 4.70m Deveal length to contage (with batch) 13 4.76m Deveal length to contage (with batch) 15 4.76m Deveal length to contage (with batch) 4.76m 1.72m Deveal length to contage (with batch) 4.76m 1.72m Door length to contage (with batch)			
The selected force with blocket 1805 68 Am 1805 68			
Seakout forew th bucket 4825 debt Julisden weight cell fronts 4 Julisden weight cell fronts 4 Julisden weight cell fronts m4 Julisden weight cell fronts m4 Weith Land Commance m4 Wheel length to castage (wish uithich) 13 Deveal length to castage (wish uithich) 13 Deveal length to castage (wish uithich) 15 Deveal length to castage (wish uithich) 15 Deveal length to castage (wish uithich) 16 Deveal length to castage (wish uithich) 2 Deveal length to castage (wish uithich) 36 Deveal length to castage (wish uithich) 4			
	·		
Inflactor (0023 dai¥
State Stat			7075
Winefiliance Y			·
11 1 1 1 1 1 1 1 1			
Deveal 1.5 m 1.5			
1.19 m 1.20 m 1			
December	Overall length to carriage (without hitch)	13	4.76 m
December	Front overhang		1.19 m
New all height h 7	Overall width	b1	2.40 m
Illidow anagle	Overall cab width	b4	0.98 m
Illisqu prolife care car	Overall height	h17	2.30 m
Tilespangle	Filt-down angle	a5	134 °
Tennal tuming andius (over tyres)		a4	13 °
Alliance - A580 - 460/7 R24 190A8 2/2 2 2 2 2 2 2 2 2			
Jine wheels (front / rear) 2 / 2 leading wheels (front / rear) 2 / 2 leading wheels (front / rear) 7.30 s covering 5.00 s citension 6.00 s Crond 3.20 s Dough 2.70 s Stoppe 2.70 s Stoppe 2.70 s Stoppe 7.00 s Stoppe from 5.00 pm Stoppe from 5.00 pm Stoppe from challence 5.00 ppm Injude of 4 TA 4.00 cm² Lock Engine power rating / Power 1.01 Hp / 74.50 W Max. Injude stuphur content 8.20 do N Max. Stoppe / Engine challence 4.00 cm² Max. Stoppe / Engine challence 4.00 cm² Max. Stoppe / Engine challence 8.20 do N Max. Stoppe / Engine challence 7.00 que conventer Flowershalf (sweep) 7.00 que conventer Limbert (slip of power powershalf)		7741	
Performances 7.30 s Circlension 8.20 s Peteraction 6.50 s Circlension 6.50 s Circlension 3.20 s Dounty 2.70 s Strippine			
1.50 1.50	<u> </u>		272
2.50 mg 2.50			
Extension 8.20 s Setension 6.60 s Fromd 3.20 s Dump 2.70 s Engine 2.70 s Engine brand Perkins Engine nom Stoge IIIA Mark, fuel sulphur content 5000 ppm Engine model 11040-44 TA Vumber of cylinders - Capacity of cylinders 4 - 4400 cm² C. Engine power rating / Power 131 Hp / 74.50 kW Max. Insult sulface 410 Nm @1400 pm Turbear pull (Laden) 3200 da N Reversible fan Standard Furnishassion for Torque conventer Ruthber of geats (foward / reverse) 7 Torque conventer Ruthber of geats (foward / reverse) 3 km/h Aut. travel speed (may vary according to applicable regulations) 3 km/h Service brake 0 Ill-immersed multi-dises on front & rear axles Hydraulic pump type Variable displacement pump Hydraulic flow - Pressure 108 I/min - 270 bar Folk capacities 135 I Folk capacities and kibration 120 I Voice and w			
Retraction	Lowering		
Crowd	Extension		8.20 s
Dumpin	Retraction		6.60 s
Engine brand Perkins	Crowd		3.20 s
Perkins Perkins Sage IIIA Max. fuel sulphur content S000 pm S000	Dump		2.70 s
Perkins Perkins Sage IIIA Max. fuel sulphur content S000 pm S000	Engine		
Engine nom Stage IIIA Max. Fuel slughur content 5000 ppm Engine model 11040-44 TA Number of cylinders - Capacity of cylinders 4 - 4400 cm² C.E. Engine power rating / Power 1011 Hp / 74,50 kW Max. Incruje / Engine rotation 8200 daN Drawbar pull (Laden) 8200 daN Reversible fan 8200 daN Transmission bye Torque converter Searbox Powershuttle Max. travel speed (may vary according to applicable regulations) 35 km/h Differential lock Limited slip differential on front axle Parking brake Oll-Immersed multi-discs on front & rear axles Service brake Oll-Immersed multi-discs on front & rear axles Hydraulic now Pressure 70 faible displacement pump Flow sharing distributor 108 fmin - 270 bar Fuel tank 120 l Voise and wibration 135 l Voise and wibration on (LyA) tested following NF EN 12053 norm 76 dB Volose at driving position (LyA) tested following NF EN 12053 norm 104 dB Vibracion on hands/arms 4 2.50 m/s² M	Engine brand		Perkins
Max. fuel sulphur content 5000 ppm Engine model 11040-44 TA Number of cylinders - Capacity of cylinders 4 - 4400 cm² C. Engine power rating / Power 101 Hp / 74.5 kW Max. Lorque / Engine rotation 8200 dah Drawbar pull (Laden) 8200 dah Weevestible fan Standard Transmission Torque converter Searbox 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 Gli-immersed multi-discs on front & rear axles Pridratilic pump type Variable displacement pump Hydraulic flow - Pressure 108 / min - 270 bar Flow sharing distributor 108 / min - 270 bar Flow sharing distributor 135 I Flow sharing distributor 135 I Noise and vibration 120 I Noise and vibration 76 dB Noise and vibration 104 dB Noise to environment (LwA) 104 dB <t< td=""><td></td><td></td><td>Stage IIIA</td></t<>			Stage IIIA
Engine model 1104D-44 TA Number of cylinders 4 - 4400 cm² C. Engine power rating / Power 101 Hp / 74.50 kW Max. torque / Engine rotation 410 Nm @1400 rpm Drawbar pull (Laden) 8200 daN Reversible fan 8200 daN Fransmission Vpe Torque converter Gearbox Powershuttle Max. turvel speed (may vary according to applicable regulations) 35 km/h Differential lock Limited slip differential on front axle Service brake 0H-immersed multi-discs on front & rear axles Service brake 0H-immersed multi-discs on front & rear axles Hydraulic flow - Pressure 108 //min - 270 bar Flow - Pressure 108 //min - 270 bar Flow sharing distributor 108 //min - 270 bar Flow sharing distributor 118 //min - 270 bar Flow sharing distributor 135 I Fuel tank capacities 135 I Vigitable only on the capacity 135 I Fuel tank capacity 76 dB Noise and riving position (LpA) tested following NF EN 12033 norm 76 dB Noise on environment (LwA)			
Author of cylinders - Capacity of cylinders 4 - 4400 cm² A.C. Engine power rating / Power 101 Hp. / 74.50 kW Max. torque / Engine rotation 410 Nm @1400 rpm Drawber pull (Leden) 8200 dan Reversible fan 8200 dan Ifansmission Torque converter Flansmission type Powershuttle Gearbox Powershuttle Author of gears (forward / reverse) 4 / 4 Max. travel speed (may vary according to applicable regulations) Limited slip differential on front axle Parking brake Limited slip differential on front axle Parking brake Manual Pydraulics Manual Vydraulic pump type Variable displacement pump Hydraulic flow - Pressure Variable displacement pump Flowsharing distributor Standard Flowsharing distributor Standard Flowsharing distributor 108 l/min - 270 bar Flowsharing distributor 108 l/min - 270 bar Flowsharing distributor 76 dB Flowsharing distributor 76 dB Variable displacement pump 101 dB <td></td> <td></td> <td></td>			
C. Engine power rating / Power 101 Hp / 74.50 kW 410 km @1400 rpm 410 km @1400 rp	-		
Max. torque / Engine rotation 410 Nm @1400 rpm Drawbar pull (Laden) 8200 daN Reversible fan Standard Transmission Torque converter Pearbox Powershuttle Max. travel speed (may vary according to applicable regulations) 35 km/h Differential lock Limited slip differential on front axle Parking brake Oil-Immersed multi-discs on front & rear axles Pydraulics Oil-Immersed multi-discs on front & rear axles Pydraulic pump type Variable displacement pump Flow scharing distributor Standard Fank capacities 120 l Full tank capacity 135 l Fuel tank 120 l Voise and divising position (LpA) tested following NF EN 12053 norm 76 dB Voise or environment (LwA) 104 dB Vibracellaneous < 2.50 m/s²			
Drawbar pull (Laden) 8200 daN Reversible fan Standard Transmission Torque converter Gearbox Powershuttle Number of gears (forward / reverse) 4 / 4 Max. tavel speed (may vary according to applicable regulations) Limited slip differential on front axle Parking brake Manual Service brake Oil-immersed multi-discs on front & rear axles Hydraulics Variable displacement pump Hydraulic pump type Variable displacement pump Hydraulic flow - Pressure 108 l/min - 270 bar Flow sharing distributor Standard Flow sharing distributor 108 l/min - 270 bar Flow sharing distributor 5 tandard Flow sharing distributor 135 l Flow sharing distributor 75 d B Vidraulic fank capacities 120 l Vidraulic fank capacities 76 dB Voise and vibrat			
Reversible fan Fransmission type Searbox Fransmission type Searbox Sumber of gears (foward / reverse) Max. travel speed (may vary according to applicable regulations) Fransmission type Max. travel speed (may vary according to applicable regulations) Fransmission type Max. travel speed (may vary according to applicable regulations) Fransmission type Max. travel speed (may vary according to applicable regulations) Fransmission type Max. travel speed (may vary according to applicable regulations) Fransmission type Max. travel speed (may vary according to applicable regulations) Fransmission type Max. travel speed (may vary according to applicable regulations) Fransmission type Max. travel speed (may vary according to applicable regulations) Fransmission type Max. travel speed (may vary according to applicable regulations) Fransmission type Max. travel speed (may vary according to applicable regulations) Fransmission type Max. travel speed (may vary according to applicable regulations) Fransmission type Fransmission ty			
Transmission type Searbox Powershuttle Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Sis km/h Differential lock Parking brake Parking brake Parking brake Pridgaulics Pridgaulics Pridgaulic pump type Pridgaulic flow - Pressure Pridgaulic tank capacities Pridgaulic tank capacities Pridgaulic tank capacity Pridgaulic flow - Pressure Pridgaulic f			
Torque converter Searbox Sumber of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Offerential lock Parking brake Service brake Hydraulics Hydraulic pump type Hydraulic flow - Pressure Hydraulic flow - Pressure Hydraulic show sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Voise and vibration Noise ad driving position (LpA) tested following NF EN 12053 norm Noise and vibration Finance of the standard of the st			Standard
Rearbox Number of gears (forward / reverse) Nava. travel speed (may vary according to applicable regulations) Powershuttle Adv. travel speed (may vary according to applicable regulations) Politiferential lock Parking brake Parking brake Provice brake Pro	Transmission Transmission		
Aux. travel speed (may vary according to applicable regulations) Adx. travel speed (may vary according to applicable regulations) 35 km/h Limited slip differential on front axle Manual Oil-immersed multi-discs on front & rear axles Adydraulics Adydraulic flow - Pressure Flow sharing distributor Fank capacities Advancial trank capacity Limited slip differential on front & rear axles Advancial flow - Pressure Flow sharing distributor Fank capacities Advancial trank capacity Limited slip differential on front axle Advancial distributor Fank capacities Advancial trank capacity Limited slip differential on front axle Advancial distributor Fank capacities Advancial trank capacity Limited slip differential on front axle Advancial distributor Fank capacities Advancial trank capacity Limited slip differential on front axle Advancial distributor Fank capacities Advancial flow - Pressure Advancial flow - Pressure Fank capacities Advancial flow - Pressure	Fransmission type		Torque converter
Max. travel speed (may vary according to applicable regulations) 35 km/h Limited slip differential on front axle Manual Oil-immersed multi-discs on front & rear axles Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Flow sharing distribu	Gearbox		Powershuttle
Limited slip differential on front axle Manual Oil-immersed multi-discs on front & rear axles Alydraulics Alydraulic pump type Alydraulic flow - Pressure Flow sharing distributor Fank capacities Fuel tank Voise and vibration Voise and driving position (LpA) tested following NF EN 12053 norm Voise to environment (LwA) Vibration on hands/arms Viscellaneous Fractor homologation	Number of gears (forward / reverse)		4 / 4
Limited slip differential on front axle Manual Oil-immersed multi-discs on front & rear axles Alydraulics Alydraulic pump type Variable displacement pump Alydraulic flow - Pressure Flow sharing distributor Fank capacities Alydraulic tank capacity Fuel tank Voise and vibration Voise and driving position (LpA) tested following NF EN 12053 norm Voise to environment (LwA) Aligned Ali	Max. travel speed (may vary according to applicable regulations)		35 km/h
Manual Oil-immersed multi-discs on front & rear axles Adviraulics Adviraulic pump type Adviraulic flow - Pressure Flow sharing distributor Fank capacities Adviraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) First color homologation First color homolo			Limited slip differential on front axle
Service brake Addraulic Service brake Addraulic pump type Addraulic flow - Pressure Flow sharing distributor Fank capacities Addraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Alternation on hands/arms Wiscellaneous Fractor homologation			•
Hydraulic Pump type Hydraulic flow - Pressure Hydraulic flow - Pressure Hydraulic stank capacities Hydraulic tank capacity Hyd			
Variable displacement pump Hydraulic plump type Hydraulic flow - Pressure Flow sharing distributor Fank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) First continuous flows First continu			Oli-illillersed illufu-discs off front & leaf axies
Adviruallic flow - Pressure Flow sharing distributor Fank capacities Adviruallic tank capacity Find to provide the stand of the sta			V : II P I ·
Standard Flow sharing distributor Fank capacities Advantage of the standard o			
Fank capacities Addraulic tank capacity Fine I tank Fin I tank Fine I tank Fine I tank Fine I tank Fine I tank Fin			
Advarable tank capacity Suclet tank Included tank			Standard
Tractor homologation 120 I 1	Tank capacities		
Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm 76 dB 104 dB 104 dB 105 eto environment (LwA) 76 idB 104 dB < 2.50 m/s² 81 every libration on hands/arms 81 every libration environment (LwA) 82 every libration environment (LwA)	lydraulic tank capacity		135 I
Noise at driving position (LpA) tested following NF EN 12053 norm 76 dB 104 dB 104 dB (ribration on hands/arms 45 c2.50 m/s² Miscellaneous Tractor homologation	uel tank		120 l
Noise at driving position (LpA) tested following NF EN 12053 norm 76 dB 104 dB 104 dB (ribration on hands/arms 45 c2.50 m/s² Miscellaneous Tractor homologation	Voise and vibration		
loise to environment (LwA) fibration on hands/arms discellaneous ractor homologation			76 dB
/ibration on hands/arms < 2.50 m/s² Miscellaneous Tractor homologation			
Miscellaneous Tractor homologation	· ·		
Tractor homologation			- 2.30 11/3
			,

Optional tires tab

	Overall height	Overall width
ALLIANCE - A570 - 17,5 LR24	-	-
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
MICHELIN - XMCL - 500/70 R24 P65		

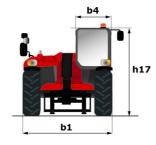
Options / Finishing

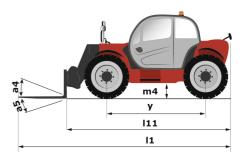
S: Standard / O: Optional / -: Not available

	Classic	Premium
Lifting function		
Boom suspension	0	0
Electric predisposition on the top of the boom	0	0
Electrovalve for 2 hydraulic functions (on boom head)	0	0
Hydraulic attachment locking	0	0
Return pipe to hydraulic oil tank	0	0
Operator station		
Air conditioning with manual adjustment	0	S
Air suspension cloth-covered seat	0	S
Bluetooth CD MP3 radio	0	0
CD MP3 car radio	0	S
Cyclonic air pre-filter	S	S
Low frequency air suspension cloth seat with heating	0	0
Mechanical cloth-covered seat	S	-
Tuner car radio - 50W	S	
Motorization/Power		
Attachment hydraulic flow control system	0	0
Continuous flow hydraulics	0	0
Self cleaning air prefilter	0	0
Secondary functions		
1 pair of pre-fitted Double Action rear hydraulic couplers	0	0
Automatic rotating towing hitch on counterweight	0	0
Manual rotating towing hitch	S	S
Lighting		
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	0	0
Work lights on boom head (x2)	0	0
Security		
Audio warning on reverse	0	0

MLT-X 735 T LSU - Dimensional drawing

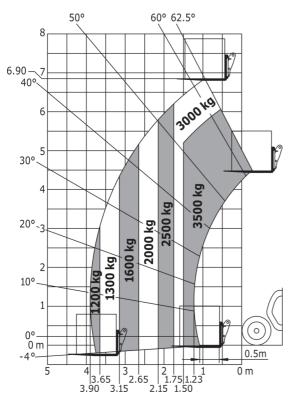






MLT-X 735 T LSU - Load chart

Machine on tires with forks Metric







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