Technical sheet:

MLT-X 735 T LSU





Nac. seasoby Nacis seasoby Nac		MLT-X 735 T LSU	created on August 16, 2025 at 8:21 AM UT
Max. Illinop beyord h3 6.50 m Reach at max. bright 3.50 m Reach at max. bright 1.00 m Reach at max. bright 4.00 m Reach at max. bright 5.00 m Reach at max. bright 6.00 m Reach at max. bright 6.00 m Reach at max. bright 6.00 m Released from the Max. Bright 7.00 m Downall control for the Company (with brick) 131 4.70 m Downall length to caming (with brick) 151 2.40 m Powell length to caming (with brick) 151 2.40 m Devall clay with 151 2.50 m Devall clay with 151 2.50 m Useful length 151 2.50 m Devall clay with 157 2.50 m The part of the Without 151 2.50 m The part of the Without 2.50 m 2.50 m <tr< th=""><th>Capacities</th><th></th><th>Metric</th></tr<>	Capacities		Metric
Maximum nomembr Maximum no	Max. capacity	Q	3500 kg
Nicolation Incomplete Ministry Ministr	Max. lifting height	h3	6.90 m
Bestout for with bushed	Maximum outreach		3.90 m
Weight and dimensions Control clearance not 0.44 m Deceal learance not 0.44 m 0.44 m Deceal learance 111 4.79 m 0.28 m 1.11 m 4.79 m Deceal learing the casting (without hitsh) 15 4.75 m 1.19 m 1.1	Reach at max. height		1 m
Disable 1985	Breakout force with bucket		6825 daN
Count of Colorance Mark	Weight and dimensions		
Wite-blase y 2.81 m Deceal length to castage (with blick) 11	Unladen weight (with forks)		7075 kg
Decal Interplat to cartisage (with histh) 11	Ground clearance	m4	0.44 m
Decail Incign to carisage (with bith) 11	Wheelbase	у	2.81 m
Decail Indignate Carainge (without hitch) 3	Overall length to carriage (with hitch)		4.79 m
1.1.0 m		13	4.76 m
Decal Inches width			1.19 m
Decal Lack Worth	Overall width	b1	2.40 m
Decal Teight http://docs.margic 185 134 * 137 136 m 137 138 m 13			
Till down anging 35 134 131			
Illeg pangle	•		
External furning andius (over yees) Wal 3.85 m Alliance - AS80 - 460.070 R24 159.A8			
Alliance - A580 - 460/70 R24 159A8 0			
100 100	Standard tires		
Steering wheels (front / reas)			
Performances			
1.0 1.0			212
Lovering \$.00 s \$.20 s			7 30 s
Extension 8.20 s Retraction 6.60 s Crowd 3.20 s Dump 2.70 s Engine Perkins Engine brand Perkins Engine mom Stage IIIA Mark, fuel sulphur content 5000 ppm Engine model 11040-44 TA Vumber of cylinders - Capacity of cylinders 4 - 4400 cm² Le. Engine power rating / Power 101 Hp / 74.50 kW Max. towal specified from traiting / Power 101 Hp / 74.50 kW Max. towal specified from traiting / Power 101 Hp / 74.50 kW Max. towal specified from traiting / Power 101 Hp / 74.50 kW Max. towal specified from traiting / Power 101 Hp / 74.50 kW Max. towal specified from traiting / Power 101 Hp / 74.50 kW Max. towal specified from traiting / Power 70 que conventer Reversibile fan Standard Transmission / Tra			
Retraction 6.60 s Crowd 3.20 s Dump 2.70 s Engine			
Crowd 3.20 s 2.70 s 2.			
Dump 2.70 s			
Engine binand Perkins Engine binand Perkins Engine norm Stage IIIA Max. fuel sulphur content 5000 ppm Engine model 11040-44 TA Number of cylinders - Capacity of cylinders 4 - 4400 cm² LC. Engine power rating / Power 101 Hp / 74.50 kW Max. Include (Pengine rotation) 410 km @1400 pm Drowbard pull (Laden) 8200 daty Reversible fan Standard Transmission type Torque converter Geabox Powershuttle Number of gears (floward / reverse) 4 / 4 Muster of gears (floward / reverse) 4 / 4 Muster of gears (floward / reverse) 4 / 4 Muster of gears (floward / reverse) 4 / 4 Muster of gears (floward / reverse) 4 / 4 Muster of gears (floward / reverse) 5 km/h Geabox Powershuttle Humber of gears (floward / reverse) 4 / 4 Muster active (floward / reverse) 5 km/h Uniforms (floward / reverse) 6 km/h Humber of gears (floward / reverse) 6 km/h <td></td> <td></td> <td></td>			
Engine brand Perkins Engine nom Sage IIIA Max. Yuel subphur content 5000 ppm Engine model 11040-44 TA Number of cylinders - Capacity of cylinders 11040-44 TA L. Engine power rating / Power 101 Hp / 74.50 kW Max. Toursup / Engine rotation 44000 mm Drawbar pull (Laden) 8200 daN Weessible fan 8200 daN Transmission Torque converter Geathox Powershuttle Number of gears (forward / reverse) 4 / 4 Max. travel speed (may vary according to applicable regulations) 55 km/h Differential lock Limited slip differential on front axe Parking brake Limited slip differential on front axe Hydraulic low - Pressure 9 Flow sharing distributor 100 Himmersed multi-discs on front & rear axles Hydraulic low - Pressure 101 Himmersed multi-discs on front & rear axles Flow sharing distributor 101 Himmersed multi-discs on front & rear axles Flow sharing distributor 102 Himmersed multi-discs on front & rear axles Flow sharing distributor 76 dB <			2.70 \$
Engine nom Stage IIIA Max. Vell slughur content 5000 ppm Engine model 11040-44 TA Number of cylinders - Capacity of cylinders 4 - 4400 cm² LC. Engine power raiting / Power 1011 Hp / 74.50 kW Max. Iorque / Engine rotation 410 Nm @1400 rpm Drawbar pull (Laden) 8200 daN Reversible fan 8200 daN Transmission 7 Transmission type 7 Gearbox Powershuttle Max. travel speed (may vary according to applicable regulations) 35 km/h Differential lock Limited slip differential on front axie Parking brake Manual Service brake Oil-immersed multi-discs on front & rear axies Epidydraulifics Variable displacement pump Epidydraulific pump type Variable displacement pump Epidydraulific pump type Standard Flow sharing distributor Standard Flow sharing distributor Standard Flow sharing distributor 108 l/min - 270 bar Fuel tank 120 l Noise and vibration on (LwA) tested fo			Darking
Max. fuel sulphur content 5000 ppm Engine model 11040-44 TA Number of cylinders - Capacity of cylinders 4 - 4400 cm³ L. Engine power rating / Power 101 Hp / 74.50 kW Max. Lorque / Engine rotation 8200 dah Drawbar pull (Laden) 8200 dah Reversible fan Standard Transmission 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 Manual Service brake Oil-immersed multi-discs on front & rear axles Hydraulic Row - Pressure 108 /min - 270 bar Flow sharing distributor 108 /min - 270 bar Flow sharing distributor 108 /min - 270 bar Flow sharing distributor 135 I Fuel tank 120 I Noise and vibration 76 d B Noise and vibration 76 d B Noise to environment (LwA) 104 d B Wibration on hands/arms<	•		
Engine model 1104D-44 TA Number of cylinders - Capacity of cylinders 4 - 4400 cm² LC. Engine power rating / Power 101 Hp / 74.50 kW Max. torque / Engine rotation 410 Nm @1400 rpm Drawbar pull (Laden) 8200 daN Reversible fan 8tandard Transmission yee Torque conveter Gearbox Powershuttle Number of gears (forward / reverse) 4 / 4 Max. tavel speed (may vary according to applicable regulations) 35 km/h Differential lock Limited slip differential on front axle Parking brake 0II-immersed multi-discs on front & rear axles Service brake 0II-immersed multi-discs on front & rear axles Hydraulic flow - Plessure 118 (/min - 270 bar Flow sharing distributor 118 (/min - 270 bar Flow sharing distributor \$135 I Fuel tank 120 I Noise and vibration 76 dB Noise and vibration 76 dB Noise and vibration 104 dB Noise on environment (LwA) 104 dB Vibracel Inneus 4 2.50 m/s²	-		
Number of cylinders - Capacity of cylinders 4 - 4400 cm³ 1.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 5tandard Transmission 7torque converter Gearbox Powershuttle Number of gears (forward / reverse) 4 / 4 Max. travel speed (may vary according to applicable regulations) Limited slip differential on front axle Parking brake Manual Service brake Manual Pydraulic pump type Variable displacement pump Hydraulic flow - Pressure 108 /min - 270 bar Flow sharing distributor Standard Tank capacities 108 /min - 270 bar Hydraulic tank capacity 135 l Fuel tank 120 l Noise and divitation 76 dB Noise and divitation 76 dB Noise on environment (LwA) 104 dB Wibration on hands/arms < 2.50 m/s²			
LC. Engine power rating / Power 101 Hp /74.50 kW Max. torque / Engine rotation 8200 daN Drawbar pull (Laden) 8200 daN Reversible fan Standard Transmission type Toque converter Gearbox Powershuttle Number of gears (froward / 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 Manual Service brake Oil-immersed multi-discs on front & rear axles Hydraulic flow - Pressure 108 l/min - 270 bar Flow sharing distributor 108 l/min - 270 bar Tank capacities 108 l/min - 270 bar Hydraulic tank capacity 135 l Noise and withsition 135 l Teuel tank 120 l Noise and withsition 76 d B Noise a driving position (LpA) tested following NF EN 12053 norm 76 d B Noise to environment (LwA) 104 dB Wibstation on hands/ams < 2.50 m/s²			
Max. torque / Engine rotation 410 Nm @1400 rpm Drawbar pull (Laden) 8200 daN Reversible fan Standard Transmission Torque converter Gearbox Powershuttle Mux. travel speed (may vary according to applicable regulations) 35 km/h Differential lock Limited slip differential on front axle Parking brake Manual Sevice brake Oil-Immersed multi-discs on front & rear axles Hydraulic pump type Variable displacement pump Hydraulic flow - Pressure 108 l/min - 270 bar Flow shading distributor \$tandard Tank capacities 120 l Hydraulic lank capacity 135 l Fuel tank 120 l Noise and driving position (LpA) tested following NF EN 12053 norm 76 dB Noise to environment (LwA) 104 dB Wibration on hands/arms < 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) 35 km/h Differential lock 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 Tank capacities 135 l Hydraulic tank capacities 135 l Hydraulic show for the same of third of the same of third of the same of t			
Reversible fan Transmission Transmission type Gearbox Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Differential lock Parking brake Service brake Phydraulics Service brake Hydraulics Service brake Hydraulic pump type Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Standard Tank capacities Hydraulic tank capacity Fleu tank Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Miscellaneous Tractor homologation			
Transmission type Gearbox Powershuttle Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Differential lock Parking brake Service brake Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Miscellancous Tractor homologation			
Transmission type Gearbox Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Differential lock Parking brake Service brake Hydraulic pump type Hydraulic pflow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise and vibration Noise of adviring position (LpA) tested following NF EN 12053 norm Noise to environment (LWA) Wibration on hands/arms Miscellaneous Tractor homologation			Standard
Gearbox Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Differential lock Parking brake Parking brake Service brake Hydraulics Hydraulic pump type Hydraulic flow- Pressure Flow sharing distributor Tank capacities Hydraulic shak capacities Hydraulic sh			_
Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Differential lock Parking brake Service brake Hydraulic Hydraulic pump type Hydraulic pump type Variable displacement pump Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Wibration on hands/arms Miscellaneous Tractor homologation			
Max. travel speed (may vary according to applicable regulations) Differential lock Parking brake Service brake Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Wibration on hands/arms Miscellaneous Tractor homologation			
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 Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Wibration on hands/arms Miscellaneous Tractor homologation Limited slip differential on front axle Manual Oil-immersed multi-discs on front & rear axles Hanual Oil-immersed multi-discs on front & rear axles Halual Oil-immersed m			
Parking brake Service brake Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Wibration on hands/arms Miscellaneous Tractor homologation			
Service brake Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Wibration on hands/arms Miscellaneous Tractor homologation	Differential lock		·
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Wibration on hands/arms Miscellaneous Tractor homologation	Parking brake		
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Wibration on hands/arms Miscellaneous Tractor homologation	Service brake		Oil-immersed multi-discs on front & rear axles
Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration on hands/arms Miscellaneous Tractor homologation			
Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm 76 dB Noise to environment (LwA) Vibration on hands/arms Miscellaneous Tractor homologation	Hydraulic pump type		
Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm 76 dB Noise to environment (LwA) Vibration on hands/arms Miscellaneous Tractor homologation	Hydraulic flow - Pressure		108 l/min - 270 bar
Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm 76 dB Noise to environment (LwA) Vibration on hands/arms Miscellaneous Tractor homologation	Flow sharing distributor		Standard
Tractor homologation 120 I 1	Tank capacities		
Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm 76 dB Noise to environment (LwA) Vibration on hands/arms Miscellaneous Tractor homologation	Hydraulic tank capacity		135 I
Noise at driving position (LpA) tested following NF EN 12053 norm 76 dB 104 dB 104 dB Vibration on hands/arms 4 2.50 m/s² Miscellaneous Tractor homologation	Fuel tank		120 l
Noise to environment (LwA) Noise to environment (LwA) Vibration on hands/arms **C 2.50 m/s² Miscellaneous Tractor homologation	Noise and vibration		
Vibration on hands/arms < 2.50 m/s² Miscellaneous Tractor homologation	Noise at driving position (LpA) tested following NF EN 12053 norm		76 dB
Miscellaneous Tractor homologation	Noise to environment (LwA)		104 dB
Miscellaneous Tractor homologation	Vibration on hands/arms		< 2.50 m/s²
	Miscellaneous		
	Tractor homologation		
	Controls		JSM

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		-

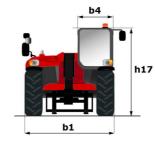
Options / Finishing

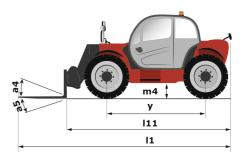
S: Standard / O: Optional / -: Not available

	Classic	
ting function		
om suspension	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		
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	S	
Low frequency air suspension cloth seat with heating	0	
Mechanical cloth-covered seat	S	
Tuner car radio - 50W	S	
Motorization/Power		
Attachment hydraulic flow control system	0	
Continuous flow hydraulics	0	
Self cleaning air prefilter	0	
Secondary functions		
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	
Work lights on boom head (x2)	0	
Security		
Audio warning on reverse	0	

MLT-X 735 T LSU - Dimensional drawing

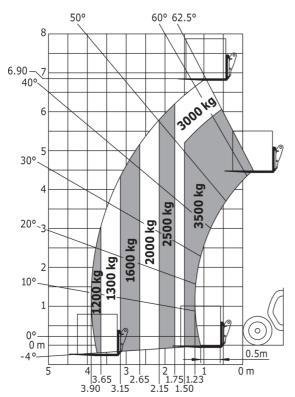






MLT-X 735 T LSU - Load chart

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