Technical sheet:

# **MLT-X 735 T LSU**





Capacities  Max. capacity  Max. lifting height  Maximum outreach  Reach at max. height  Breakout force with bucket  Weight and dimensions  Unladen weight (with forks)  Ground clearance  Wheelbase  Overall length to carriage (with hitch)  Front overhang	Q h3 m4 y	<b>Metric</b> 3500 kg 6.90 m 3.90 m 1 m 6825 daN 7075 kg
Max. lifting height Maximum outreach Reach at max. height Breakout force with bucket Weight and dimensions Unladen weight (with forks) Ground clearance Wheelbase Overall length to carriage (with hitch) Overall length to carriage (without hitch)	h3 m4 y	6.90 m 3.90 m 1 m 6825 daN 7075 kg
Maximum outreach Reach at max. height Breakout force with bucket  Weight and dimensions  Unladen weight (with forks) Ground clearance Wheelbase Overall length to carriage (with hitch) Overall length to carriage (without hitch)	m4 y	3.90 m 1 m 6825 daN 7075 kg
Maximum outreach Reach at max. height Breakout force with bucket  Weight and dimensions  Unladen weight (with forks) Ground clearance Wheelbase Overall length to carriage (with hitch) Overall length to carriage (without hitch)	у	3.90 m 1 m 6825 daN 7075 kg
Breakout force with bucket  Weight and dimensions  Unladen weight (with forks)  Ground clearance  Wheelbase  Overall length to carriage (with hitch)  Overall length to carriage (without hitch)	у	6825 daN 7075 kg
Breakout force with bucket  Weight and dimensions  Unladen weight (with forks)  Ground clearance  Wheelbase  Overall length to carriage (with hitch)  Overall length to carriage (without hitch)	у	6825 daN 7075 kg
Weight and dimensions Unladen weight (with forks) Ground clearance Wheelbase Overall length to carriage (with hitch) Overall length to carriage (without hitch)	у	7075 kg
Unladen weight (with forks) Ground clearance Wheelbase Overall length to carriage (with hitch) Overall length to carriage (without hitch)	у	
Ground clearance Wheelbase Overall length to carriage (with hitch) Overall length to carriage (without hitch)	у	
Wheelbase Overall length to carriage (with hitch) Overall length to carriage (without hitch)	у	0.44 m
Overall length to carriage (with hitch) Overall length to carriage (without hitch)		2.81 m
Overall length to carriage (without hitch)		4.79 m
	13	4.76 m
riont overliang	13	1.19 m
Overall width	b1	2.40 m
Overall cab width	b4	0.98 m
Overall height	h17	2.30 m
Tilt-down angle	a5	134 °
Tilt-up angle	a4	13 °
External turning radius (over tyres)	Wa1	3.86 m
Standard tires		Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2/2
Steering wheels (front / rear)		2/2
Performances		
Lifting		7.30 s
Lowering		5.60 s
Extension		8.20 s
Retraction		6.60 s
Crowd		3.20 s
Dump		2.70 s
Engine		
Engine brand		Perkins
Engine norm		Stage IIIA
Max. fuel sulphur content		5000 ppm
Engine model		1104D-44 TA
Number of cylinders - Capacity of cylinders		4 - 4400 cm <sup>3</sup>
I.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		Standard
Transmission		Standard
Transmission type		Torque converter
Gearbox		Powershuttle
Number of gears (forward / reverse)		4 / 4
		35 km/h
Max. travel speed (may vary according to applicable regulations)		
Differential leak		Limited slip differential on front axle  Manual
Differential lock		
Parking brake		
Parking brake Service brake		Oil-immersed multi-discs on front & rear axles
Parking brake Service brake Hydraulics		Oil-immersed multi-discs on front & rear axles
Parking brake Service brake Hydraulics Hydraulic pump type		Oil-immersed multi-discs on front & rear axles  Variable displacement pump
Parking brake Service brake  Hydraulics Hydraulic pump type Hydraulic flow - Pressure		Oil-immersed multi-discs on front & rear axles  Variable displacement pump  108 I/min - 270 bar
Parking brake Service brake  Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor		Oil-immersed multi-discs on front & rear axles  Variable displacement pump
Parking brake Service brake  Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities		Oil-immersed multi-discs on front & rear axles  Variable displacement pump  108 l/min - 270 bar  Standard
Parking brake Service brake  Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor  Tank capacities Hydraulic tank capacity		Oil-immersed multi-discs on front & rear axles  Variable displacement pump  108 l/min - 270 bar  Standard
Parking brake Service brake  Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor  Tank capacities Hydraulic tank capacity Fuel tank		Oil-immersed multi-discs on front & rear axles  Variable displacement pump  108 l/min - 270 bar  Standard
Parking brake Service brake  Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor  Tank capacities Hydraulic tank capacity		Oil-immersed multi-discs on front & rear axles  Variable displacement pump  108 l/min - 270 bar  Standard  135 l  120 l
Parking brake Service brake  Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor  Tank capacities Hydraulic tank capacity Fuel tank		Oil-immersed multi-discs on front & rear axles  Variable displacement pump  108 l/min - 270 bar  Standard
Parking brake Service brake  Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor  Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration		Oil-immersed multi-discs on front & rear axles  Variable displacement pump  108 l/min - 270 bar  Standard  135 l  120 l
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		Oil-immersed multi-discs on front & rear axles  Variable displacement pump  108 l/min - 270 bar  Standard  135 l  120 l
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)		Oil-immersed multi-discs on front & rear axles  Variable displacement pump  108 l/min - 270 bar  Standard  135 l  120 l  76 dB  104 dB
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)  Vibration on hands/arms		Oil-immersed multi-discs on front & rear axles  Variable displacement pump  108 l/min - 270 bar  Standard  135 l  120 l  76 dB  104 dB

## **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	-	-

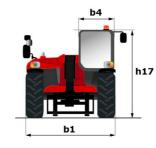
## Options / Finishing

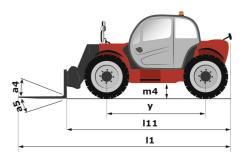
S: Standard / O: Optional / -: Not available

	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

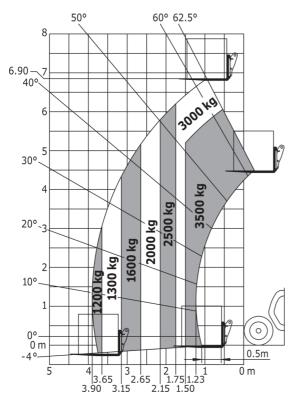






#### MLT-X 735 T LSU - Load chart

#### Machine on tires with forks Metric







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