Technical sheet:

# MLT-X 850-145 V+





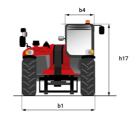
	MLT-X 850-145 V+ Created o	n November 1, 2025 at 8:23 AM UT
Capacities		Metric
Max. capacity	Q	4999 kg
Max. lifting height	h3	7.60 m
Maximum outreach		4.55 m
Reach at max. height		4.55 m
Breakout force with bucket		8670 daN
Weight and dimensions		
Unladen weight (with forks)		10780 kg
Ground clearance	m4	0.45 m
Wheelbase	у	2.94 mm
Overall length to carriage (with hitch)	II1	5.57 m
Overall length to carriage (without hitch)	13	5.54 m
Front overhang		1.55 mm
Overall width	b1	2.49 m
Overall cab width	b4	0.99 m
Overall height	h17	2.58 m
		132 °
Tilt-down angle	a5	132 12 °
Tilt-up angle	a4	
External turning radius (over tyres)	Wa1	4.04 m
Standard tires		Alliance - A580 - 500/70 R24 164A8
Drive wheels (front / rear)		2/2
Steering mode	Mani	crab, 2 wheel steer, 4 wheel steer, Crab mode
Performances		
Lifting		6.60 s
Lowering		4.90 s
Extension		6.30 s
Retraction		6.30 s
Crowd		4.20 s
Dump		3.10 s
Engine		
Engine brand		Yanmar
Engine norm		Stage IIIA
Engine model		4TN107HT-5SMUF
Number of cylinders - Capacity of cylinders		4 - 4567 cm³
Engine power (Hp / kW)		141 Hp / 105 kW
Max. torque / Engine rotation		602 Nm @1500 rpm
Drawbar pull (Laden)		9160 daN
Reversible fan		Standard
Engine cooling system	3 ra	diators water + intercooler + transmission oil
Transmission		
Transmission type		Continuously variable transmission
Gearbox		M-Vario Plus
Max. travel speed (may vary according to applicable regulations)		40 km/h
Differential lock	Lin	nited slip differential on front and rear axles
Parking brake		Automatic negative parking brake
	Oil-	immersed multi-discs braking on front & rear
Service brake		axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		200 l/min - 270 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic tank capacity		141 l
Fuel		142 I
Noise and vibration		
Noise to environment (LwA)		105 dB
Vibration on hands/arms		< 2.50 m/s <sup>2</sup>
Miscellaneous		~ 2.30 m/s
		Tractor homologation
Tractor homologation Cab continuation		Tractor homologation
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM

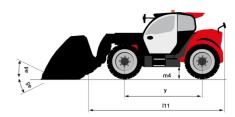
## Optional tires tab

	Overall height	Overall width
ALLIANCE - A585 - 500/70 R24 164A8	· ·	-
MICHELIN - BIBLOAD - 500/70 R24 164A8		-
MICHELIN - XHA - 17.5 R25	-	-
MICHELIN - XMCL - 500/70 R24 164A8		-
NOKIAN - TRI STEEL - 500/70 R24 164A8		-
SOLIDEAL - SOLIDAIR TLH - 14.00 R24		-
TRELLEBORG - TH400 - 500/70 R24 164A8		-
VREDESTEIN - TRAXION - 500/70 R24 164A8		-
VREDESTEIN - ENDURION - 500/70 R24 164A8		-

### MLT-X 850-145 V+ - Dimensional drawing

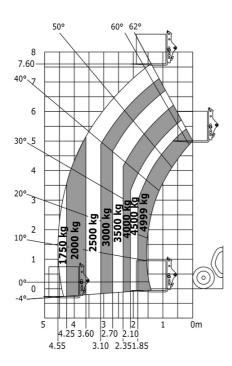






#### MLT-X 850-145 V+ - Load chart

#### 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



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