Technical sheet:

# MLT-X 850-145 V+



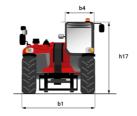
MLT-X 8	350-145 V+	Created on August 12, 2025 at 8:28 PM UT
Capacities		Metric
Max. capacity	Q	4999 kg
Max. lifting height	h3	7.60 m
Maximum outreach		4.55 m
Reach at max. height		4.55 m
Breakout force with bucket		8670 daN
Weight and dimensions		
Unladen weight (with forks)		10780 kg
Ground clearance	m4	0.45 m
Wheelbase	y	2.94 mm
Overall length to carriage (with hitch)	l11	5.57 m
Overall length to carriage (without hitch)	13	5.54 m
Front overhang	10	1.55 mm
Overall width	h1	2.49 m
Overall cab width	b1 b4	0.99 m
Overall height	h17	2.58 m
Tilt-down angle	a5	132 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	4.04 m
Standard tires		Alliance - A580 - 500/70 R24 164A8
Drive wheels (front / rear)		2/2
Steering wheels (front / rear)		2/2
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
I.C. Engine power rating / Power		141 Hp / 105 kW
Max. torque / Engine rotation		602 Nm @1500 rpm
Drawbar pull (Laden)		9160 daN
Reversible fan		Standard
Engine cooling system		3 radiators 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		Limited slip differential on front and rear axles
Parking brake		Automatic negative parking brake
Taiking blake		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 I
Fuel tank		142
Noise and vibration		172.1
Noise to environment (LwA)		105 dB
Vibration on hands/arms		< 2.50 m/s²
		< 2.30 III/S*
Miscellaneous		Treates I I
Tractor homologation		Tractor homologation
0-1		
Cab certification Controls		Cabin ROPS - FOPS level 2 JSM

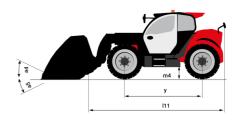
## Optional tires tab

	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

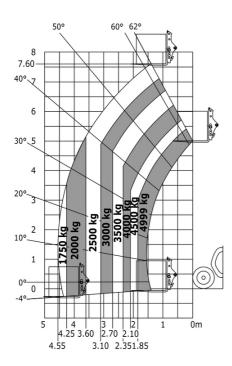






#### MLT-X 850-145 V+ - Load chart

#### Machine on tires with forks Metric







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