Technical sheet :

MLT-X 850-145 V+



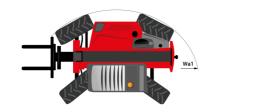
MLT-X 850-145 V+ Created on September 10, 2025 at 12:10 AM UTC

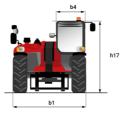
	MLI-X 850-145 V+ Cleated on September 10, 2025 at 12.10 AM
Capacities	Metric
Max. capacity	Q 4999 kg
Max. lifting height	h3 7.60 m
Maximum outreach	4.55 m
Reach at max. height	4.55 m
Breakout force with bucket	8670 daN
Weight and dimensions	
Unladen weight (with forks)	10780 kg
Ground clearance	m4 0.45 m
Wheelbase	y 2.94 mm
Overall length to carriage (with hitch)	l11 5.57 m
Overall length to carriage (without hitch)	l3 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
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
	6.30 s
Extension	
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 of
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 axle
Parking brake	Automatic negative parking brake
	Oil-immersed multi-discs braking on front & rea
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
Fuel tank	142 I
Noise and vibration	
Noise to environment (LwA)	105 dB
Vibration on hands/arms	< 2.50 m/s ²
Miscellaneous	
Tractor homologation	Tractor homologation
Cab certification	Cabin ROPS - FOPS level 2

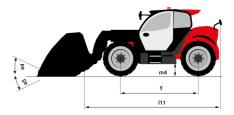
Optional tires tab

	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

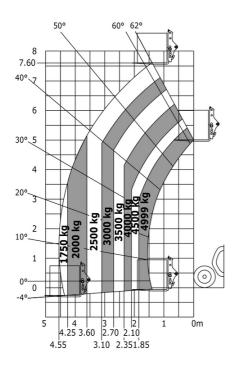






MLT-X 850-145 V+ - Load chart

Machine on tires with forks Metric





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