Technical sheet:

MLT-X 850-145 V+



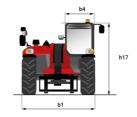
	MLT-X 850-145 V+ Created on July 31, 2025 at 8:58 P	M U I
Capacities	Metric	
Max. capacity	Q 4999 kg	
Max. lifting height	h3 7.60 m	
Maximum outreach	4.55 m	
Reach at max. height	4.55 m	
Breakout force with bucket	8670 daN	
Weight and dimensions		
Unladen weight (with forks)	10780 kg	
Ground clearance	m4 0.45 m	
Wheelbase	y 2.94 mm	
Overall length to carriage (with hitch)	I11 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	
Tilt-down angle	a5 132 °	
Tilt-up angle	a4 12 °	
External turning radius (over tyres)	Wa1 4.04 m	
Standard tires	Wa1 4.04 III Alliance - A580 - 500/70 R24 164A8	
	2 / 2	
Drive wheels (front / rear)		
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 cm ³	
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	n 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 a	xles
Parking brake	Automatic negative parking brake	
Service brake	Oil-immersed multi-discs braking on front 8	، rear
	axles	
Hydraulics	Will B. I	
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	
Noise and vibration		
Noise to environment (LwA)	105 dB	
Vibration on hands/arms	< 2.50 m/s²	
Miscellaneous		
Tractor homologation	Tractor homologation	
Cab certification	Cabin ROPS - FOPS level 2	
Controls	JSM	

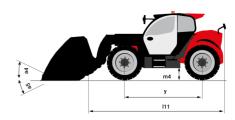
Optional tires tab

	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

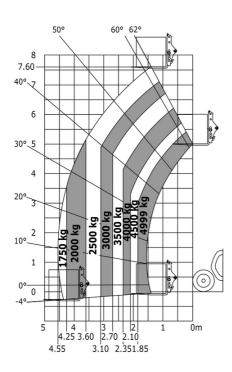






MLT-X 850-145 V+ - Load chart

Machine on tires with forks Metric







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