Technical sheet :

MLT 850-145 V+





	ILT	850-145 V+	Created on	August 1	, 2025	at	6:08	ΡM	UTC
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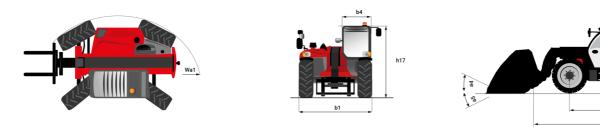
	MLT 850-145 V+ Created on August 1, 2025 at 6:08 PM UTC			
Capacities		Metric		
Max. capacity	Q	4998.58 kg		
/ax. lifting height	h3	7.60 m		
Aaximum outreach		4.55 m		
Reach at max. height		0.90 m		
Breakout force with bucket		8670 daN		
Weight and dimensions		ooro dale		
Inladen weight (with forks)		10780 kg		
Sround clearance	m4	0.45 m		
Vheelbase	у	2.94 m		
Dverall length to carriage (with hitch)		5.57 m		
Dverall length to carriage (without hitch)	13	5.54 m		
Front overhang	15	1.55 m		
Dverall width	b1	2.49 m		
Dverall cab width	b1	0.99 m		
Dverall height	h17	2.58 m		
filt-down angle	a5	132 ° 12 °		
iilt-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 wheels (front / rear)		2 / 2		
Performances				
ifting		6.60 s		
owering		4.90 s		
Extension		6.30 s		
Retraction		5.70 s		
Crowd		4.20 s		
Dump		3.10 s		
Engine				
Engine brand		Yanmar		
Engine norm		Stage V / Tier 4 Final		
Max. fuel sulphur content		1000 ppm		
Engine model		4TN107FHT-5SMUF		
Number of cylinders - Capacity of cylinders		4 - 4567 cm ³		
.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		
ngine cooling system		3 radiators water + intercooler + transmission oil		
Transmission				
Fransmission type		Continuously variable transmission		
Searbox		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		
Canico broko		Oil-immersed multi-discs braking on front & rear		
Service brake		axles		
lydraulics				
łydraulic pump type		Variable displacement pump		
Hydraulic flow - Pressure		200 I/min - 270 bar		
low sharing distributor		Standard		
Fank capacities				
łydraulic tank capacity		141 I		
uel tank		142 l		
Diesel Exhaust fluid (AdBlue® type)		21.50 l		
Consumption calculated according to EN 16796-4 standard		6.47 l/h		
loise and vibration				
Noise at driving position (LpA) tested following NF EN 12053 norm		69 dB		
Noise to environment (LwA)		105 dB		
/ibration on hands/arms		< 2.50 m/s ²		
Miscellaneous				
Fractor homologation		Tractor homologation		
Cab certification		Cabin ROPS - FOPS level 2		
Controls		JSM		
2011/010		55141		

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 - ENDURION - 500/70 R24 164A8		-
VREDESTEIN - TRAXION - 500/70 R24 164A8		-

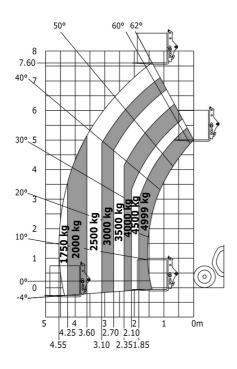
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MLT 850-145 V+ - Dimensional drawing



MLT 850-145 V+ - Load chart

Machine on tires with forks Metric





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