Technical sheet:

# MLT 850-145 V+





	MLT 850-145 V+ Cre	ated on December 15, 2025 at 3:05 AM U
Capacities		Metric
Max. capacity	Q	4998.58 kg
Max. lifting height	h3	7.60 m
Maximum outreach		4.55 m
Reach at max. height		0.90 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 m
Overall length to carriage (with hitch)	l11	5.57 m
Overall length to carriage (without hitch)	13	5.54 m
Front overhang		1.55 m
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	Wal	Alliance - A580 - 500/70 R24 164A8
Drive wheels (front / rear)		2 / 2
Steering mode		Manicrab, 2 wheel steer, 4 wheel steer, Crab mod
Performances		Mainclab, 2 wheel steel, 4 wheel steel, Clab inou
		6.60 s
Lifting		
Lowering		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 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 radiators water + intercooler + transmission oi
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
Service brake		Oil-immersed multi-discs braking on front & rea
		axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		200 I/min - 270 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic tank capacity		141 l
Fuel		142 l
Diesel Exhaust fluid (AdBlue® type)		21.50 l
Consumption calculated according to EN 16796-4 standard		6.47 l/h
Noise and vibration		
		69 dB
Noise at driving position (LpA) tested following NF EN 12053 norm		105 dB
		100 00
Noise at driving position (LpA) tested following NF EN 12053 norm  Noise to environment (LwA)  Vibration on hands/arms		2.50 m/s²
Noise to environment (LwA)		
Noise to environment (LwA) Vibration on hands/arms		
Noise to environment (LwA) Vibration on hands/arms Miscellaneous		2.50 m/s²

## 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	-	-

### **Options / Finishing**

S: Standard / O: Optional / -: Not available

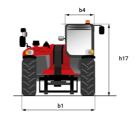
Lifting function
Intelligent hydraulics
Regenerative Hydraulics
Operator station
Adaptive air supension seat
Comfort Steering System
HighView camera on boom head (telescopic part)
Motorization/Power
Ecostop
Stop & Start
Secondary functions
Automatic greasing system (AGS) - Chassis + boom

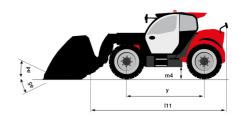
Premium
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Platinum
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MLT 850-145 V+ - Dimensional drawing

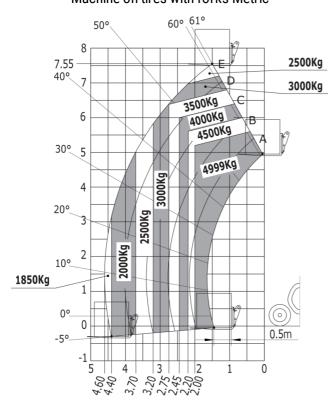




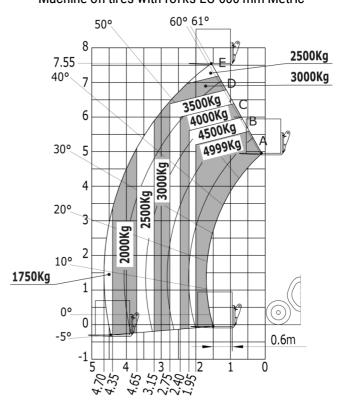


#### MLT 850-145 V+ - Load chart

#### Machine on tires with forks Metric



#### Machine on tires with forks LC 600 mm Metric







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