Technical sheet:

MLT 850-145 V+





	MLT 850-145 V+ Created on October 30, 2	.025 at 8:33 AM UT	
Capacities	Meti	ic	
Max. capacity	Q 4998.5	8 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	l kg	
Ground clearance	m4 0.45	m	
Wheelbase	у 2.94	m	
Overall length to carriage (with hitch)		5.57 m	
Overall length to carriage (without hitch)	13 5.54		
Front overhang	1.55		
Overall width	b1 2.49		
Overall cab width	b4 0.99		
Overall height	h17 2.58		
Tilt-down angle	a5 132		
Tilt-up angle	a4 12		
External turning radius (over tyres)	Wa1 4.04		
Standard tires	Alliance - A580 - 50		
Drive wheels (front / rear)	2 /		
Steering wheels (front / rear)	2/		
Performances	21	2	
	6.60	_	
Lifting	6.60		
Lowering	4.90		
Extension	6.30		
Retraction		5.70 s	
Crowd	4.20		
Dump	3.10	S	
Engine			
Engine brand	Yann		
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 /	141 Hp / 105 kW	
Max. torque / Engine rotation	602 Nm @1	1500 rpm	
Drawbar pull (Laden)	9160	9160 daN	
Reversible fan	Stand	Standard	
Engine cooling system	3 radiators water + interco	oler + transmission oil	
Transmission			
Transmission type	Continuously varial	ole transmission	
Gearbox	M-Vario	Plus	
Max. travel speed (may vary according to applicable regulations)	40 km	n/h	
Differential lock	Limited slip differential of	on front and rear axles	
Parking brake	Automatic negativ	Automatic negative parking brake	
Service brake		Oil-immersed multi-discs braking on front & rear	
Hydraulics	axle	:S	
Hydraulic pump type	Variable displac	cement pump	
Hydraulic flow - Pressure	200 l/min -		
Flow sharing distributor	Stand		
Tank capacities	Stand	u.u	
Hydraulic tank capacity	141		
Fuel tank	141		
Diesel Exhaust fluid (AdBlue® type)		21.50	
Consumption calculated according to EN 16796-4 standard	6.47	I/11	
Noise and vibration		ID.	
Noise at driving position (LpA) tested following NF EN 12053 norm		69 dB	
Noise to environment (LwA)		105 dB	
Vibration on hands/arms	< 2.50	m/s²	
Miscellaneous			
Tractor homologation	Tractor hom		
Cab certification		Cabin ROPS - FOPS level 2	
Controls	JSM	Л	

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

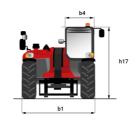
Lifting function	
Intelligent hydraulics	
Regenerative Hydraulics	
Operator station	
Adaptive air supension seat	
Comfort Steering System	
HighView camera on boom head (telescopic part)	
Motorization/Power	
Ecostop	
Stop & Start	
Secondary functions	
Automatic greasing system (AGS) - Chassis + boom	

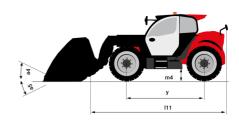
Premium
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Platinum
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MLT 850-145 V+ - Dimensional drawing

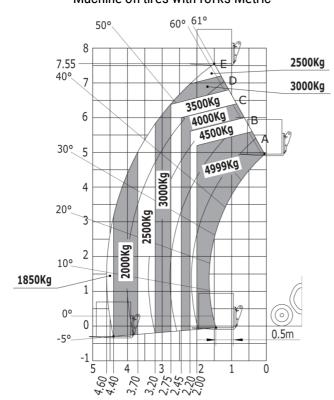




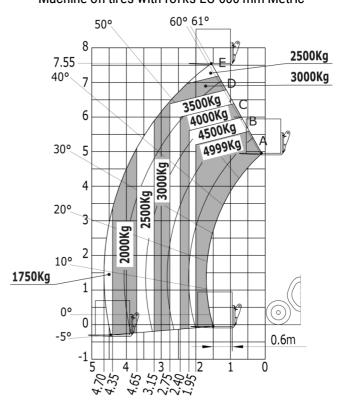


MLT 850-145 V+ - Load chart

Machine on tires with forks Metric



Machine on tires with forks LC 600 mm Metric







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