Technical sheet:

MLT-X 850-145 V+

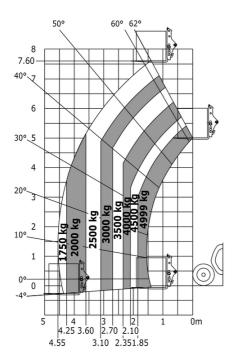




	MLT-X 850-145 V+ Created on May 4, 2024 at 8:27	.24 AM UT
Capacities	Metric	
Max. capacity	Q 4999 kg	
Max. lifting height	h3 7.60 m	
Max. outreach	4.55 m	
Reach at max. height	4.55 m	
Breakout force with bucket	8670 daN	
Weight and dimensions		
Unladen weight (with forks)	10780 kg	
Ground clearance	m4 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	Wa 1 4.04 III Alliance - A580 - 500/70 R24 1	6448
Drive wheels (front / rear)	2 / 2	VTAU
Steering wheels (front / rear)	2/2	
Performances	ZIZ	
	6.60 -	
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 грm	
Drawbar pull (Laden)	9160 daN	
Reversible fan	Standard	
Engine cooling system	3 radiators water + intercooler + trans	mission oil
Transmission		
Transmission type	Continuously variable transmi	ssion
Gearbox	M-Vario Plus	
Max. travel speed (may vary according to applicable regulations)	40 km/h	
Differential lock	Limited slip differential on front and	
Parking brake	Automatic negative parking b	
Service brake	Oil-immersed multi-discs braking on axles	front & rear
Hydraulics	axies	
Hydraulic pump type	Variable displacement pun	np
Hydraulic flow - Pressure	200 l/min - 270 bar	
Flow sharing distributor	Standard	
Tank capacities	Standard	
Hydraulic oil	141	
Fuel tank	1421	
Noise and vibration	1721	
Noise to environment (LwA)	105 dB	
Vibration to whole hand/arm	< 2.50 m/s ²	
	< 2.50 m/s²	
Miscellaneous Tractor hamples atten	Toping board on the	
Tractor homologation	Tractor homologation	
Safety cab homologation	ROPS - FOPS level 2 cab	
Controls	JSM	

MLT-X 850-145 V+ - Load chart

Machine on tyres with forks Metric







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