Technical sheet:

MLT 1041-145 PS+L



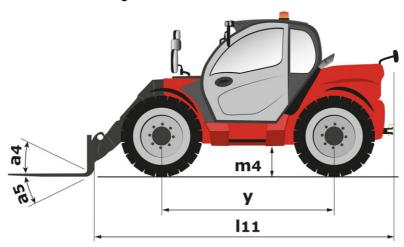


	MLT 1041-145 PS+L Created on 3 May 2024 a	
Capacities	Metric	
Max. capacity	Q 4100 kg	
Max. lifting height	h3 9.65 m	
Max. outreach	6.50 m	
Reach at max. height	1.50 m	
Breakout force with bucket	5043 daN	
Neight and dimensions		
Jnladen weight (with forks)	9690 kg	
Ground clearance	m4 0.43 m	
Wheelbase	y 2.88 m	
Overall length to carriage (with hitch)	l11 5.20 m	
Overall length to carriage (without hitch)	13 5.03 m	
Front overhang	1.30 m	
Overall width	b1 2.39 m	
Overall cab width	b4 0.99 m	
Overall height	h17 2.42 m	
Tilt-down angle	a5 135°	
Tilt-up angle	a4 12°	
External turning radius (over tyres)	Wa1 3.74 m	
Standard tires	Michelin - XMCL - 460/70 F	224 15948
Drive wheels (front / rear)	2/2	
Steering wheels (front / rear)	2/2	
Frame leveling corrector	a9 7°	
Performances	7	
Lifting	6.60 s	
	4.70 s	
Lowering	9.50 s	
Extension Retraction	9.50 s 6.90 s	
Crowd	3.70 s	
	2.80 s	
Dump	2.80 \$	
Engine	Vannas	
Engine brand	Yanmar	اء
Engine norm	Stage V / Tier 4 Fin	
Engine model	4TN107FHT-5SMU	r
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 rp	n
Drawbar pull (Laden)	9130 daN	
Reversible fan	Standard	
Engine cooling system	4 radiators (water + intercooler - transmission oil)	
Transmission		
Transmission type	Torque converter with powers	hift gearbox
Gearbox	M-Shift	
Number of gears (forward / reverse)	5/3	
Max. travel speed (may vary according to applicable regulations)	40 km/h	
Differential lock	Limited slip differential on fron	and rear axles
Parking brake	Automatic negative parki	
Service brake	Oil-immersed multi-discs brakin axles	g on front & rea
Hydraulics		
Hydraulic pump type	Variable displacement	pump
Hydraulic flow - Pressure	200 I/min - 270 ba	ır
Flow sharing distributor	Standard	
Tank capacities	141 l	
Hydraulic oil	142 I	
Hydraulic oil Fuel tank Diesel Exhaust fluid (AdBlue® type)		
Tank capacities Hydraulic oil Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration	142 I 21.50 I	
Hydraulic oil Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm	142 I 21.50 I 69 dB	
Hydraulic oil Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)	142 I 21.50 I 69 dB 105 dB	
Hydraulic oil Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm	142 I 21.50 I 69 dB	
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Hydraulic oil Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)	142 I 21.50 I 69 dB 105 dB	

Optional tires tab

Optional tires	Overall height	Overall width
ALLIANCE - A580 - 460/70 R24 159A8	2.53 m	2.38 m
ALLIANCE - A585 - 460/70 R24 159A8	2.53 m	2.39 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.52 m	2.39 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.56 m	2.42 m
MICHELIN - XMCL - 460/70 R24 159A8	2.53 m	2.39 m
MICHELIN - XMCL - 500/70 R24 164A8	2.55 m	2.43 m
TRELLEBORG - TH400 - 460/70 R24 159A8	2.52 m	2.39 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.55 m	5.42 m
TRELLEBORG - TH500 - 460/70 R24 159A8	2.53 m	2.41 m
VREDESTEIN - ENDURION - 460/70 R24 159A8	2.54 m	2.40 m
VREDESTEIN - ENDURION - 500/70 R24 164A8	2.56 m	2.44 m

MLT 1041-145 PS+L - Dimensional drawing







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