Technical sheet:

## MLT 1041-145 PS+L



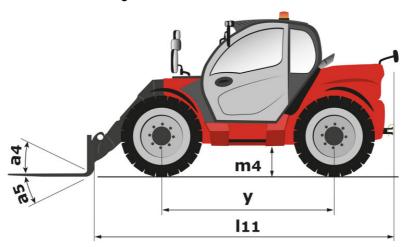


Capacities		Metric
<u> </u>	0	
Max. capacity	Q	4100 kg
Max. lifting height	h3	9.65 m
Max. outreach		6.50 m
Reach at max. height		1.50 m
Breakout force with bucket		5043 daN
Weight and dimensions		
Unladen weight (with forks)		9690 kg
Ground clearance	m4	0.43 m
Nheelbase	у	2.88 m
Overall length to carriage (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
Filt-down angle	a5	135 °
Filt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	3.74 m
Standard tires		Michelin - XMCL - 460/70 R24 159A8
Orive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2/2
Frame leveling corrector	a9	7 °
Performances		
ifting		6.60 s
Lowering		4.70 s
Extension		9.50 s
Retraction		6.90 s
Crowd		3.70 s
Dump		2.80 s
Engine		
Engine brand		Yanmar
Engine norm		Stage V / Tier 4 Final
Engine model		4TN107FHT-5SMUF
Number of cylinders - Capacity of cylinders		4 - 4567 cm³
.C. Engine power rating / Power		141 Hp / 105 kW
Max. torque / Engine rotation		602 Nm @1500 rpm
Drawbar pull (Laden)		9130 daN
Reversible fan		Standard
		4 radiators (water + intercooler + hydraulic oil +
Engine cooling system		transmission oil)
Transmission		
Transmission type		Torque converter with powershift 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 front and rear axles
Parking brake		
raiking trake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rea axles
-lydraulics		uxico
Hydraulic pump type		Variable displacement nump
		Variable displacement pump
Hydraulic flow - Pressure		200 l/min - 270 bar
low sharing distributor		Standard
Fank capacities		
łydraulic oil		141 I
uel tank		142 I
Diesel Exhaust fluid (AdBlue® type)		21.50 l
Noise and vibration		69 dB
Noise at driving position (LpA) tested following NF EN 12053 norm		102 08
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)		105 dB < 2.50 m/s <sup>2</sup>
Noise and vibration  Noise at driving position (LpA) tested following NF EN 12053 norm  Noise to environment (LwA)  Vibration to whole hand/arm		< 2.50 m/s <sup>2</sup>
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm Miscellaneous		< 2.50 m/s²
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm		

## **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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