Technical sheet :

# MLT 1041-145 PS+L





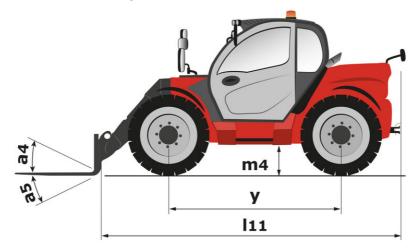
#### MLT 1041-145 PS+L Created on September 20, 2024 at 2:17:35 AM UTC

	<b>MLT 1041-145 PS+L</b> Greated on September 20, 2024 at 2.17.35 AW
Capacities	Imperial
Max. capacity	Q 9039 lb
Max. lifting height	h3 31 ft 8 in
Max. outreach	21 ft 4 in
Reach at max. height	4 ft 11 in
Breakout force with bucket	5043 daN
Veight and dimensions	
Jnladen weight (with forks)	21363 lb
Ground clearance	m4 1 ft 5 in
Vheelbase	y 9 ft 5 in
Dverall length to carriage (with hitch)	l11 17 ft 1 in
Overall length to carriage (without hitch)	13 16 ft 6 in
Front overhang	4 ft 3 in
Overall width	b1 7 ft 10 in
Overall cab width	b4 3 ft 3 in
Overall height	h17 7 ft 11 in
Tilt-down angle	a5 135 °
Tilt-up angle	a4 12 °
External turning radius (over tyres)	Wa1 12 ft 3 in
Standard tires	Michelin - XMCL - 460/70 R24 159A8
Drive wheels (front / rear)	2/2
Steering wheels (front / rear)	2/2
Frame leveling corrector	a9 7°
Performances	
	6.60 s
Lifting	4.70 s
Lowering	
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 - 279 in <sup>3</sup>
I.C. Engine power rating / Power	141 Hp / 105 kW
Max. torque / Engine rotation	444 ft/lbs @1500 rpm
Drawbar pull (Laden)	9130 daN
Reversible fan	Standard
Engine cooling system	4 radiators (water + intercooler + hydraulic oil 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)	25 mph
Differential lock	Limited slip differential on front and rear axle
Parking brake	Automatic negative parking brake
	Oil-immersed multi-discs braking on front & re-
Service brake	axles
Hydraulics	
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	53 US gpm - 3916 PSI
Flow sharing distributor	Standard
Tank capacities	
Fuel tank	38 US gal
Diesel Exhaust fluid (AdBlue® type)	6 US gal
Noise and vibration	
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/s <sup>2</sup>
Miscellaneous	
Tractor homologation	Tractor homologation
Safety cab homologation	Cabin ROPS - FOPS level 2

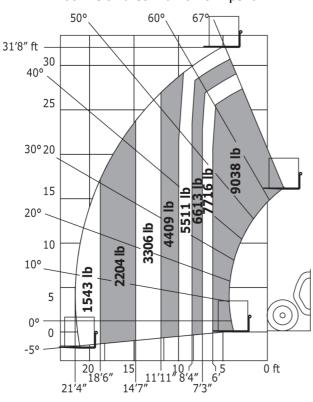
## Optional tires tab

Optional tires tab	Overall height	Overall width
ALLIANCE - A580 - 460/70 R24 159A8	8 ft 4 in	7 ft 10 in
ALLIANCE - A585 - 460/70 R24 159A8	8 ft 4 in	7 ft 10 in
MICHELIN - BIBLOAD - 460/70 R24 159A8	8 ft 4 in	7 ft 10 in
MICHELIN - BIBLOAD - 500/70 R24 164A8	8 ft 5 in	7 ft 11 in
MICHELIN - XMCL - 460/70 R24 159A8	8 ft 4 in	7 ft 10 in
MICHELIN - XMCL - 500/70 R24 164A8	8 ft 5 in	8 ft
TRELLEBORG - TH400 - 460/70 R24 159A8	8 ft 3 in	7 ft 10 in
TRELLEBORG - TH400 - 500/70 R24 164A8	8 ft 4 in	17 ft 9 in
TRELLEBORG - TH500 - 460/70 R24 159A8	8 ft 4 in	7 ft 11 in
VREDESTEIN - ENDURION - 460/70 R24 159A8	8 ft 4 in	7 ft 11 in
VREDESTEIN - ENDURION - 500/70 R24 164A8	8 ft 5 in	8 ft

### MLT 1041-145 PS+L - Dimensional drawing



### MLT 1041-145 PS+L - Load chart



Machine on tires with forks Imperial



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