Technical sheet :

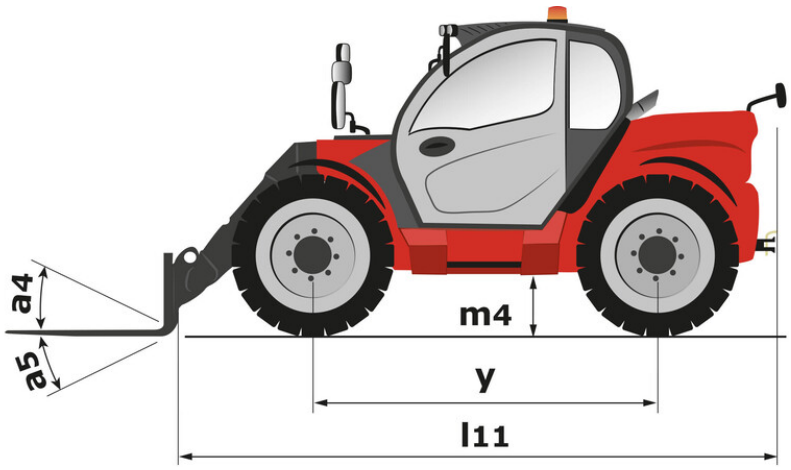
MLT 1041-145 PS+L



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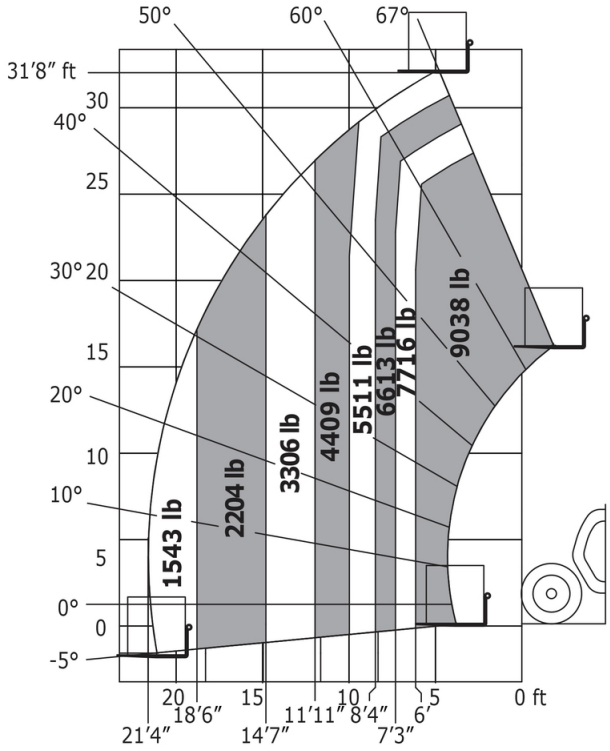
Capacities		Imperial
Max. capacity	Q	9039 lb
Max. lifting height	h3	31 ft 8 in
Max. outreach		21 ft 4 in
Reach at max. height		4 ft 11 in
Breakout force with bucket		5043 daN
Weight and dimensions		
Unladen weight (with forks)		21363 lb
Ground clearance	m4	1 ft 5 in
Wheelbase	y	9 ft 5 in
Overall length to carriage (with hitch)	l11	17 ft 1 in
Overall length to carriage (without hitch)	l3	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 tyres		Michelin - XMCL - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Frame levelling corrector	a9	7 °
Performances		
Lifting		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 - 279 in³
I.C. Engine power rating / Power (kW)		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 + air + hydraulic oil + transmission oil)
Transmission		
Transmission type		Torque converter with powershift
Gearbox		M-Shift
Number of gears (forward / reverse)		5 / 3
Max. travel speed (may vary according to applicable regulations)		25 mi/h
Differential lock		Limited slip differential on front and rear axles
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		53 US gpm - 3916 PSI
Flow sharing distributor		Standard
Tank capacities		
Hydraulic oil		37 US gal
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
Environmental noise (LwA)		105 dB
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Tractor homologation		Tractor homologation
Safety cab homologation		Cabin ROPS - FOPS Level 2
Controls		JSM

MLT 1041-145 PS+L - Dimensional drawing



MLT 1041-145 PS+L - Load chart

Rough terrain load chart (EN 1459 B) Imperial



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