Technical sheet :

MLT 741-140 V+ (S1)

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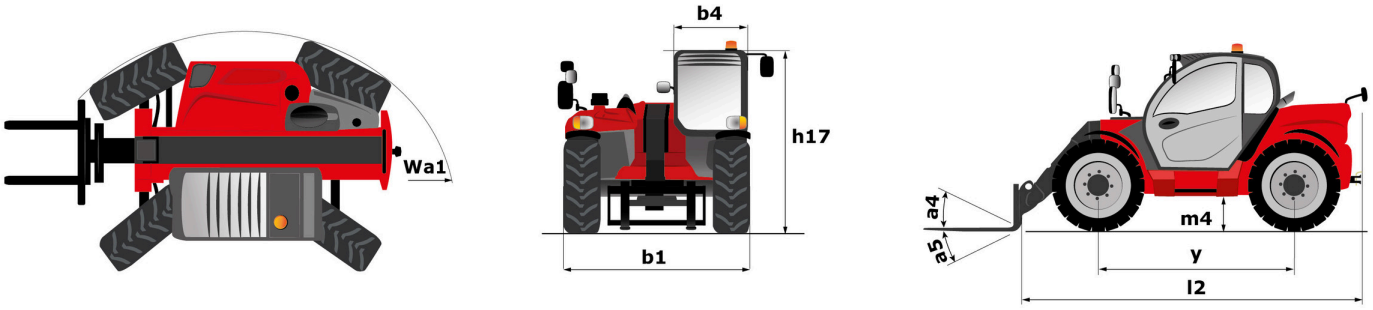
Capacities		Imperial
Max. capacity	Q	9039 lb
Max. lifting height		22 ft 8 in
Max. outreach		12 ft 10 in
Reach at max. height		3 ft 3 in
Breakout force with bucket		5992 daN
Weight and dimensions		
Unladen weight (with forks)		17097 lb
Ground clearance	m4	1 ft 5 in
Wheelbase	y	9 ft 3 in
Overall length to carriage (with hitch)	l11	16 ft 4 in
Overall length to carriage (without hitch)	l3	15 ft 10 in
Front overhang		4 ft
Overall width	b1	7 ft 10 in
Overall cab width	b4	3 ft 1 in
Overall height	h17	7 ft 10 in
Tilt-down angle	a5	134 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	12 ft 11 in
Standard tires		Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2
Steering mode		Manicrab, 2 wheel steer, 4 wheel steer, Crab mode
Performances		
Lifting		7 s
Lowering		6 s
Extension		6.30 s
Retraction		5.60 s
Crowd		3.20 s
Dump		2.80 s
Engine		
Engine brand		Deutz
Engine norm		Stage V / Tier 4 Final
Engine model		TCD 3.6 L4
Number of cylinders - Capacity of cylinders		4 - 221 in³
Engine power (Hp / kW)		136 Hp / 100 kW
Max. torque / Engine rotation		369 ft/lbs @1600 rpm
Drawbar pull (Laden)		6200 daN
Reversible fan		Standard
Engine cooling system		4 radiators (water + intercooler + hydraulic oil + transmission oil)
HVO validated (according to EN 15940 standard)		Yes
Transmission		
Transmission type		M-Vario Plus
Max. travel speed (may vary according to applicable regulations)		25 mph
Differential lock		Limited slip differential on front axle
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		45 US gpm - 3916 PSI
Flow sharing distributor		Standard
Tank capacities		
Hydraulic tank capacity		36 US gal
Fuel tank capacity		32 US gal
Diesel Exhaust fluid (AdBlue® type) tank capacity		3 US gal
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		72 dB
Noise to environment (LwA)		105 dB
Vibration on hands/arms		< 8 ft/s²
Miscellaneous		
Tractor homologation		Tractor homologation
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM

Optional tires tab

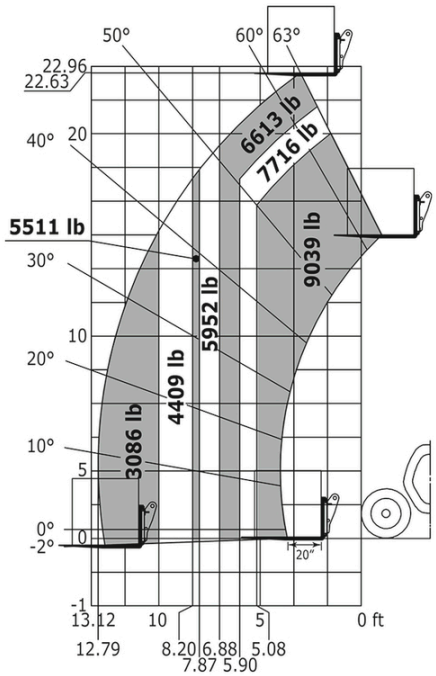
	Overall height	Overall width
TRELLEBORG - TH400 - 460/70 R24 159A8	7 ft 9 in	7 ft 10 in
TRELLEBORG - TH400 - 500/70 R24 164A8	7 ft 10 in	7 ft 11 in
MICHELIN - XMCL - 500/70 R24 164A8	7 ft 10 in	8 ft
MICHELIN - BIBLOAD - 460/70 R24 159A8	7 ft 9 in	7 ft 10 in
MICHELIN - BIBLOAD - 500/70 R24 164A8	7 ft 10 in	8 ft
MICHELIN - XHA - 15.5 R25 158A2	7 ft 9 in	7 ft 10 in
NOKIAN - TRI STEEL - 460/65 R24 156A8	7 ft 9 in	7 ft 10 in
MICHELIN - XMCL - 460/70 R24 159A8	7 ft 9 in	7 ft 10 in
VREDESTEIN - ENDURION - 460/70 R24 159A8	7 ft 10 in	7 ft 11 in
VREDESTEIN - ENDURION - 500/70 R24 164A8	7 ft 11 in	8 ft
ALLIANCE - A585 - 460/70 R24 159A8	7 ft 9 in	7 ft 10 in
TRELLEBORG - TH500 - 460/70 R24 159A8	7 ft 9 in	7 ft 10 in

MLT 741-140 V+ (S1) - Dimensional drawing



MLT 741-140 V+ (S1) - Load chart

Machine on tires with forks Imperial



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