

Technical sheet :

MLT 741 - 140 V+



Capacities		Metric	Imperial
Max. capacity	Q	4100 kg	9039 lbs
Max. lifting height	h3	6.9 m	22 ft 8 in
Max. outreach	r1	3.9 m	12 ft 10 in
Reach at max. height		1 m	3 ft 3 in
Breakout force with bucket		5992 daN	5992 daN
Weight and dimensions			
Unladen weight (with forks)		7755 kg	17097 lbs
Ground clearance	m4	0.42 m	1 ft 5 in
Wheelbase	y	2.81 m	9 ft 3 in
Overall length to carriage (with hitch)	l11	4.97 m	16 ft 4 in
Front overhang		1.21 m	4 ft
Overall width	b1	2.39 m	7 ft 10 in
Overall cab width	b4	0.95 m	3 ft 1 in
Overall height	h17	2.38 m	7 ft 10 in
Tilt-down angle	a5	134 °	134 °
Tilt-up angle	a4	12 °	12 °
External turning radius (over tyres)	Wa1	3.93 m	12 ft 11 in
Standard tyres		Alliance - A580 - 460/70 R24 159A8	Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 2	2 / 2
Performances			
Lifting		7 s	7 s
Lowering		7.8 s	7.8 s
Extension		6.3 s	6.3 s
Retraction		5.6 s	5.6 s
Crowd		3.2 s	3.2 s
Dump		2.8 s	2.8 s
Engine			
Engine brand		Deutz	Deutz
Engine norm		Stage V / Tier 4 Final	Stage V / Tier 4 Final
Engine model		TCD 3.6 L4	TCD 3.6 L4
Number of cylinders - Capacity of cylinders		4 - 3621 cm ³	4 - 220.97 in ³
I.C. Engine power rating / Power (kW)		136 Hp / 100 kW	136 Hp / 100 kW
Max. torque / Engine rotation		500 Nm/m @1600 tr/min	500 Nm/m @1600 tr/min
Drawbar pull (Laden)		6200 daN	6200 daN
Reversible fan		Standard	Standard
Engine cooling system		4 radiators (water + intercooler + hydraulic oil + transmission oil)	4 radiators (water + intercooler + hydraulic oil + transmission oil)
Transmission			
Transmission type		CVT	CVT
Max. travel speed (may vary according to applicable regulations)		40 km/h	24.9 mph
Differential lock		Limited slip differential on front axle	Limited slip differential on front axle
Parking brake		Automatic negative parking brake	Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles	Oil-immersed multi-discs braking on front & rear axles
Hydraulics			
Hydraulic pump type		Load sensing pump	Load sensing pump
Hydraulic flow - Pressure		170 l/min - 270 Bar	170 l/min - 19 PSI
Flow sharing distributor		Standard	Standard
Tank capacities			
Hydraulic oil		135 l	29.70 gal
Fuel tank		120 l	26.40 gal
Diesel Exhaust fluid (AdBlue® type)		10 l	2.20 gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		72 dB(A)	72 dB(A)
Environmental noise (LwA)		105 dB(A)	105 dB(A)
Vibration to whole hand/arm		<2,50 m/s	<2,50 m/s
Miscellaneous			
Safety tractor homologation / cab homologation		Safety tractor homologation - Cab ROPS - FOPS Level 2	Safety tractor homologation - Cab ROPS - FOPS Level 2

Miscellaneous

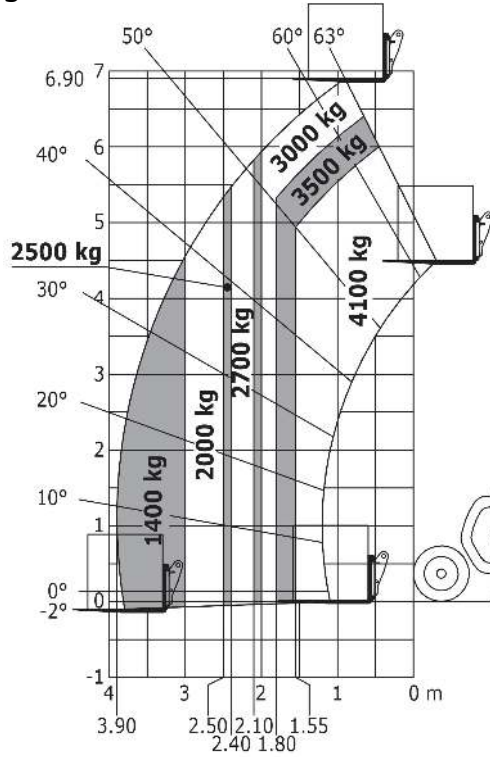
Controls

JSM

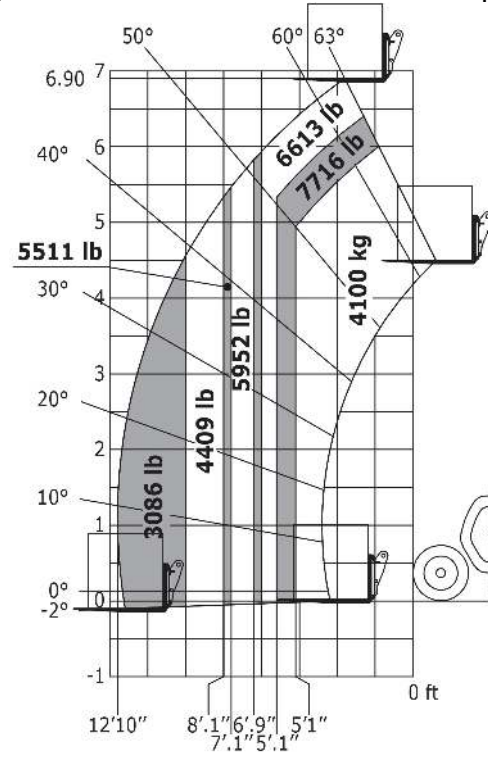
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Load chart

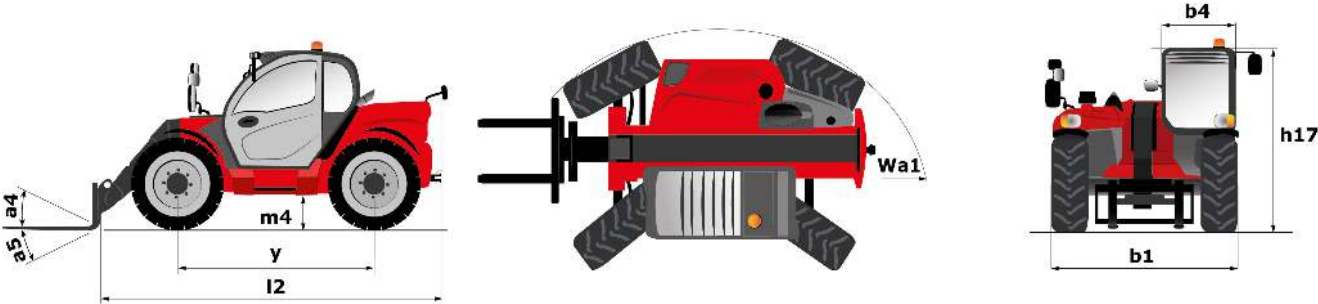
Rough terrain load chart (EN 1459 B) Metric



Rough terrain load chart (EN 1459 B) Imperial



Dimensional drawing





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