

Technical sheet :

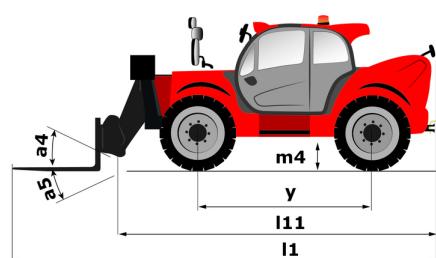
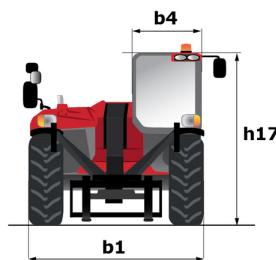
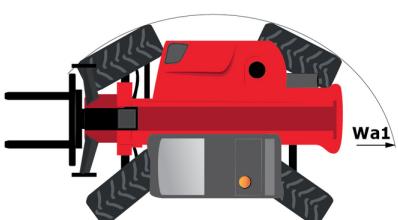
MT 1440 ST5



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HANDLING YOUR WORLD

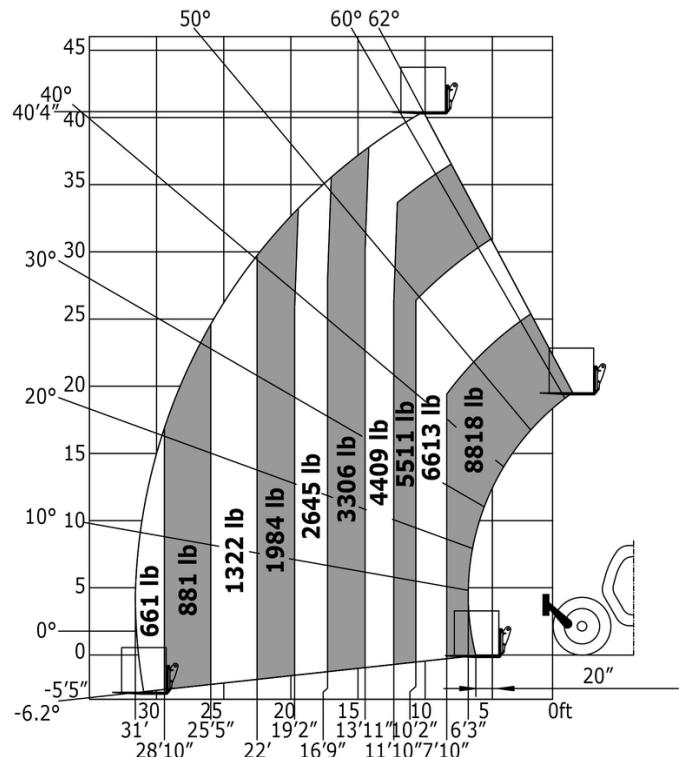
Capacities	Imperial
Max. capacity	8818 lb
Max. lifting height	44 ft 5 in
Maximum outreach	31 ft
Breakout force with bucket	7895 daN
Weight and dimensions	
Overall length to carriage	l11
Length to face of forks	l2
Overall width	b1
Overall height	h17
Wheelbase	y
Ground clearance	m4
Overall cab width	b4
Tilt-up angle	a4
Tilt-down angle	a5
External turning radius (over tyres)	Wa1
Unladen weight (with forks)	
Overall weight	
Tires type	
Standard tires	Inflatable
Forks length / width / section	l / e / s
Performances	
Lifting	16 s
Lowering	12.40 s
Extension	17.30 s
Retraction	13 s
Crowd	4.30 s
Dump	4 s
Engine	
Engine brand	Deutz
Engine norm	Stage V
Engine model	TCD 3.6L
Number of cylinders / Capacity of cylinders	4 - 221 in ³
Engine power (Hp/kW)	100 Hp / 75 kW
Max. torque / Engine rotation	302 ft/lbs @ 1600 rpm
Drawbar pull (Laden)	9930 daN
Transmission	
Transmission type	Torque converter
Number of gears (forward / reverse)	4 / 4
Max. travel speed	15 mph
Parking brake	Automatic parking brake
Service brake	Oil-immersed multi-discs braking on front & rear axles
Hydraulics	
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	44 US gpm-3916 PSI
Tank capacities	
Engine oil	3 US gal
Hydraulic oil	36 US gal
Diesel Exhaust fluid (AdBlue® type)	6 US gal
Fuel	37 US gal
Noise and vibration	
Noise at driving position (LpA)	79 dB
Noise to environment (LwA)	106 dB
Vibration on hands/arms	8 ft/s ²
Miscellaneous	
Steering wheels (front / rear)	2 / 2
Drive wheels (front / rear)	2 / 2
Cab certification	Cabin ROPS - FOPS level 2
Controls	JSM

MT 1440 ST5 - Dimensional drawing

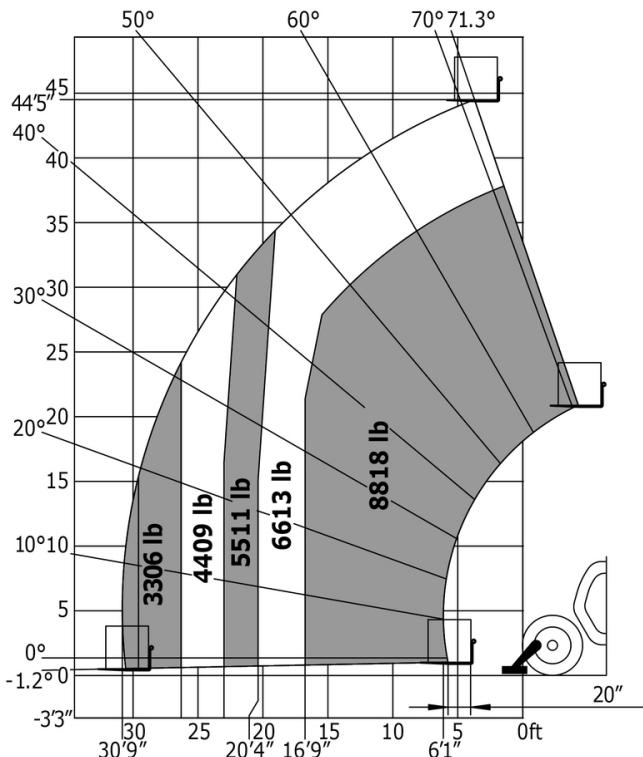


MT 1440 ST5 - Load chart

Machine on tires with forks Imperial



Machine on lowered stabilisers with forks Imperial





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