Technical sheet:

MT 1440 ST5

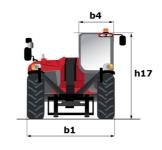


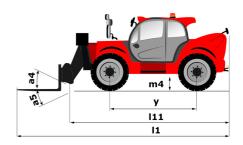


	MT 1440 ST5 Created on November 4, 2025 at 10:11 F	TU M
Capacities	Imperial	
Max. capacity	8818 lb	
Max. lifting height	44 ft 5 in	
Maximum outreach	31 ft	
Breakout force with bucket	7895 daN	
Weight and dimensions		
Overall length to carriage	l11 19 ft 9 in	
Length to face of forks	l2 20 ft 1 in	
Overall width	b1 7 ft 9 in	
Overall height	h17 8 ft	
Wheelbase	y 10 ft 1 in	
Ground clearance	m4 1 ft 3 in	
Overall cab width	b4 2 ft 11 in	
Tilt-up angle	a4 12 °	
Tilt-down angle	a5 114 °	
External turning radius (over tyres)	Wa1 12 ft 11 in	
Unladen weight (with forks)	24119 lb	
Overall weight	24119 lb	
Tires type	Inflatable	
Standard tires	Alliance 400/80 - 24 - 162A8	
Forks length / width / section	1/e/s 47 in x 5 in x 2 in	
Performances	17 e 7 S 47 III X 3 III X 2 III	
	16 s	
Lifting		
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 in³	
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 axles	& rear
	axies	
Hydraulics	0	
Hydraulic pump type	Gear pump	
Hydraulic flow / Pressure	44 US gpm-3916 PSI	
Tank capacities	- Aug	
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/s²	
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

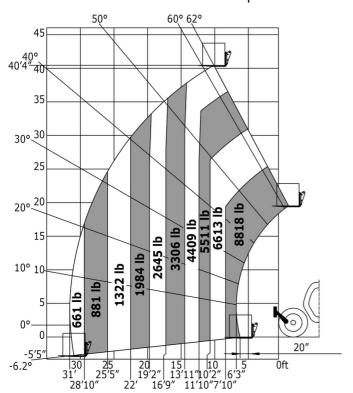




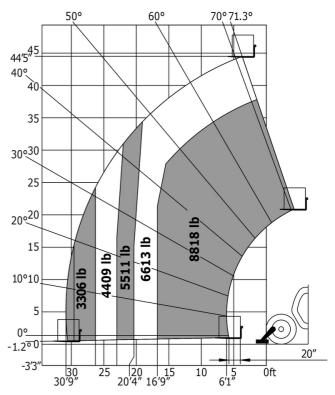


MT 1440 ST5 - Load chart

Machine on tires with forks Imperial



Machine on lowered stabilisers with forks Imperial







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