

Technical sheet :

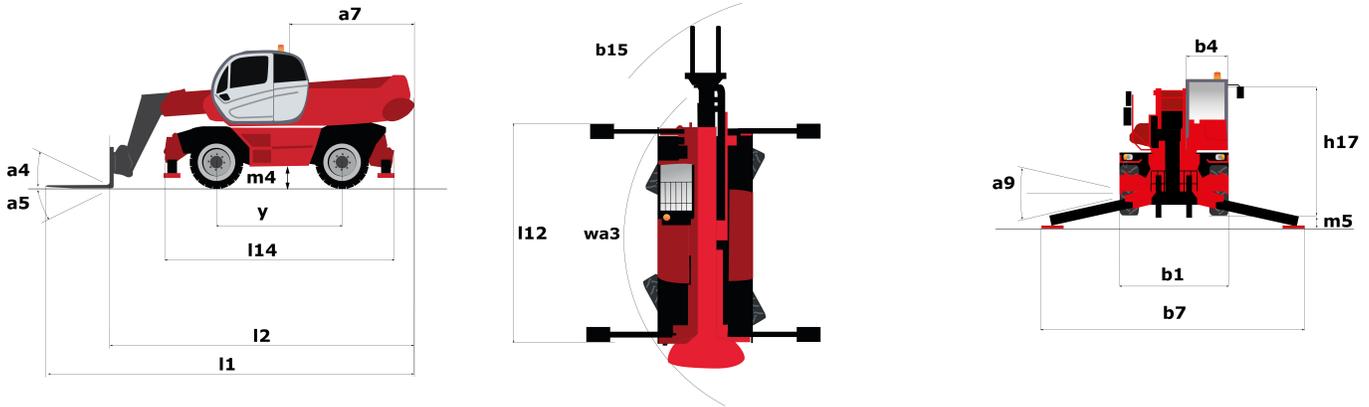
# **MRT 2150 PRIVILEGE PLUS**

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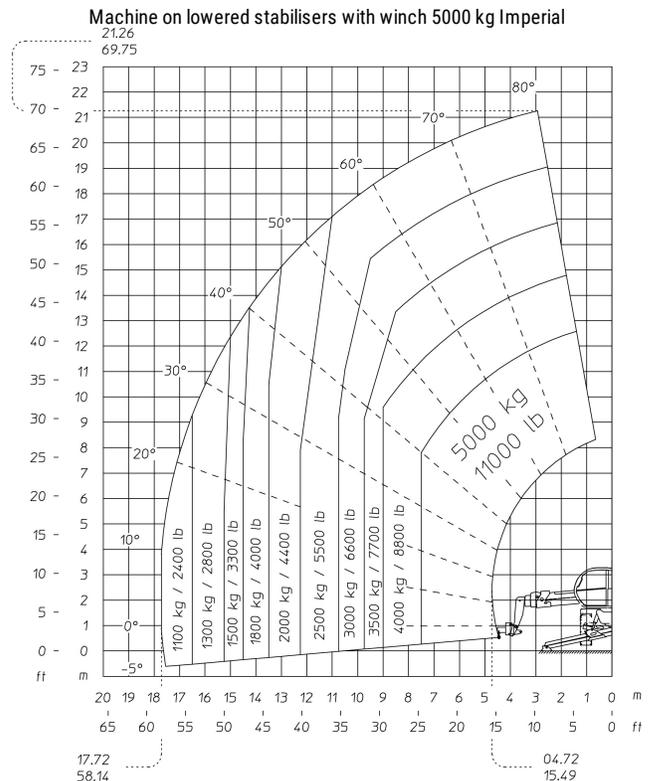
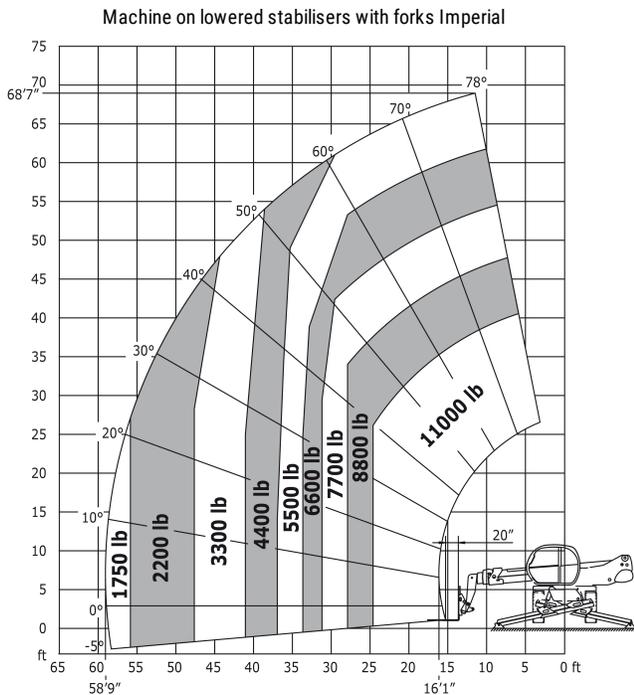
Capacities		Imperial
Max. capacity	Q	11021 lbs
Max. lifting height	h3	68 ft 7 in
Max. Reach	l4	58 ft 9 in
Weight and dimensions		
Overall width	b1	8 ft 2 in
Overall height	h17	10 ft
Overall cab width	b4	3 ft 3 in
Outer frame turning radius	Wa3	17 ft 2 in
Ground clearance	m4	1 ft 2 in
Wheelbase	y	10 ft
Frame levelling longitudinal +/-		8 °
Tilt-up angle	a4	12 °
Tilt-down angle	a5	105 °
Turret rotation (Max.)		360 °
Overall weight		39529 lbs
Forks length / width / section	l / e / s	47.244 in x 5.906 in x 1.969 in
Wheels		
Standard tyres		445/65 R22,5
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Stabilisers		
Stabs Type		Telescopic Duplex
Controls with stabs		Stabs Commands Individual or Simultaneous
Engine		
Engine brand		Mercedes
Engine norm		Stage IV / Tier 4 Final
Engine model		OM 934 LA.E4-5
I.C. Engine power rating / Power (kW)		156 Hp / 115 kW
Max. torque / Engine rotation (min) / Engine rotation		675 Nm @ 1200 rpm - 1600 rpm
Number of cylinders - Capacity of cylinders		4 - 313.05 in <sup>3</sup>
Injection		engine Injection direct
Engine cooling system		Water
Number of batteries / Battery / Batteries capacity		2 x 12 V / 120 Ah
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed		24.9 mph
Drawbar pull (Laden)		8700 daN
Parking brake		Automatic Negative Hand-brake
Service brake		Hydraulic
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow		115 l/min
Hydraulic Pressure		19 PSI
Tank capacities		
Engine oil		3.70 US gal
Hydraulic oil		59.45 US gal
Fuel tank		80.58 US gal
Diesel Exhaust fluid (AdBlue® type)		15.06 US gal
Noise and vibration		
Noise at driving position (LpA)		79.7 dB(A)
Environmental noise (LwA)		108 dB(A)
Vibration to whole hand/arm		< 2.50 m/s <sup>2</sup>
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Controls		2 Joysticks
Safety cab homologation		ROPS - FOPS cab (level 2)
Attachment recognition system (E-Reco)		Standard

# Dimensional drawing



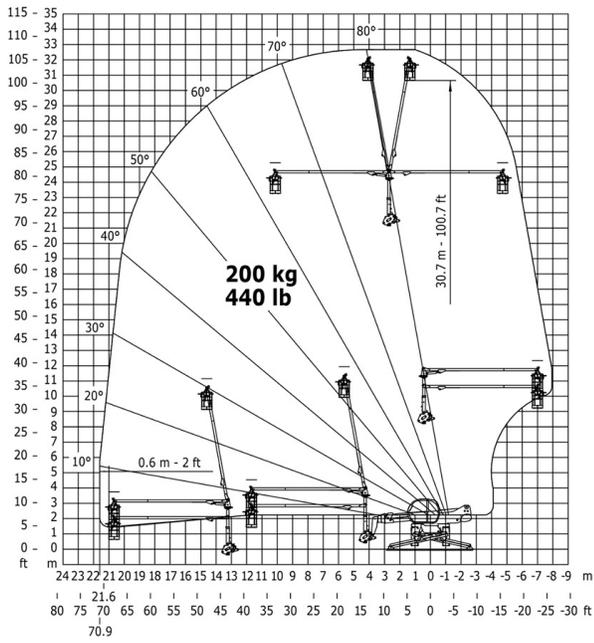
Other data		Imperial
Overall length (with forks)	l1	26 ft 6 in
Length to face of forks	l2	22 ft 6 in
Length of frame	l14	17 ft 7 in
Wheelbase	y	10 ft
Ground clearance	m4	1 ft 2 in
Counterweight offset (turret at 90°)	a7	8 ft 10 in
Tilt-up angle	a4	12°
Tilt-down angle	a5	105°
Overall length at stabilisers	l12	17 ft
Outer frame turning radius	Wa3	17 ft 2 in
Outer turning radius (with forks)	b15	21 ft 6 in
Overall width	b1	8 ft 2 in
Overall width with stabilisers extended	b7	18 ft 3 in
Overall cab width	b4	3 ft 3 in
Overall height	h17	10 ft
Frame levelling corrector	a9	+/- 8°
Ground clearance under front tires on stabilizers	m5	9 in

# Load chart

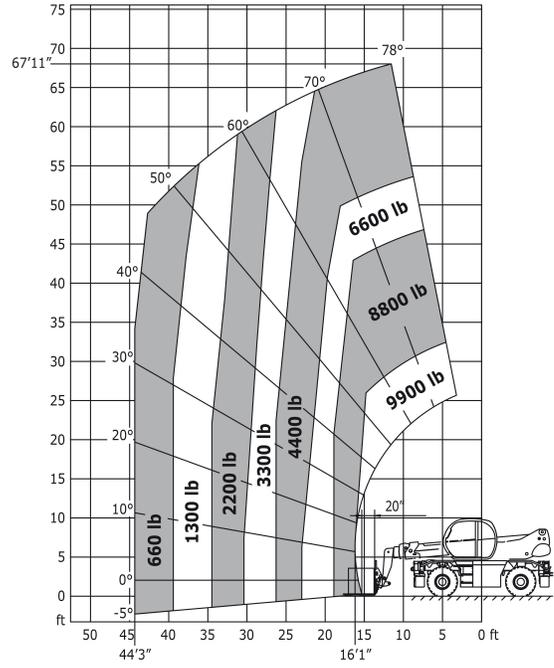


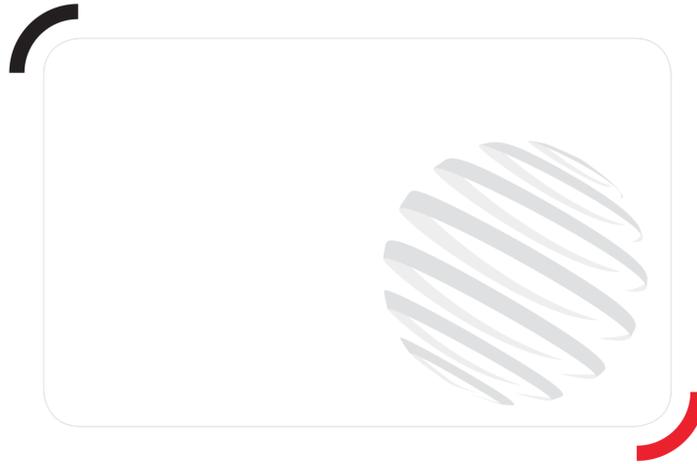


Machine on lowered stabilisers with 3D positive / negative Imperial



Machine on tyres with forks Imperial





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