

Technical sheet :

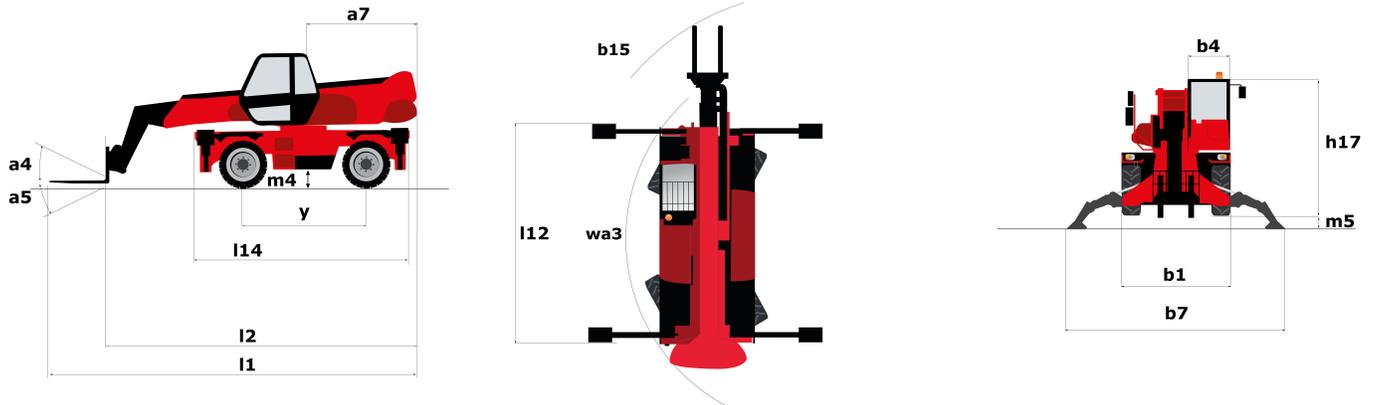
# **MRT 1440 EASY T4 S2 400°**

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Capacities		Metric	Imperial
Max. capacity	Q	4000 kg	8818 lbs
Max. lifting height	h3	13.8 m	45 ft 3 in
Max. Reach	l4	11.5 m	37 ft 9 in
Weight and dimensions			
Overall width	b1	2.4 m	7 ft 10 in
Overall height	h17	2.97 m	9 ft 9 in
Overall cab width	b4	0.95 m	3 ft 1 in
Outer frame turning radius	Wa3	3.9 m	12 ft 10 in
Ground clearance	m4	0.34 m	1 ft 1 in
Wheelbase	y	2.32 m	7 ft 7 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	105 °	105 °
Overall weight		12825 kg	28274 lbs
Forks length / width / section	l / e / s	1200 mm x 125 mm x 50 mm	47.244 in x 4.921 in x 1.969 in
Wheels			
Tyres type		Pneumatic	Pneumatic
Standard tyres		405/70-20	405/70-20
Drive wheels (front / rear)		2 / 2	2 / 2
Stablisers			
Stabs Type		Wing Type	Wing Type
Controls with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous
Engine			
Engine brand		Perkins	Perkins
Engine norm		Stage 3B / Tier IV Final	Stage 3B / Tier IV Final
Engine model		854 E-E 34 TA	854 E-E 34 TA
I.C. Engine power rating / Power (kW)		74 Hp / 55 kW	74 Hp / 55 kW
Max. torque / Engine rotation		424 Nm/m @ 1200 tr/min	424 Nm/m @ 1200 tr/min
Number of cylinders - Capacity of cylinders		4 - 3400 cm <sup>3</sup>	4 - 207.48 in <sup>3</sup>
Injection		engine Injection direct	engine Injection direct
Engine cooling system		Water	Water
Battery / Batteries capacity		12 V / 120 Ah	12 V / 120 Ah
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed (may vary according to applicable regulations)		32 km/h	19.9 mph
Drawbar pull (Laden)		8600 daN	8600 daN
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
Service brake		Hydraulic	Hydraulic
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow		115 l/min	115 l/min
Hydraulic Pressure		270 Bar	19 PSI
Tank capacities			
Engine oil		8.50 l	1.87 gal
Hydraulic oil		150 l	33 gal
Fuel tank		130 l	28.60 gal
Noise and vibration			
Noise at driving position (LpA)		79.7 dB(A)	79.7 dB(A)
Noise to environment (LwA)		104 dB(A)	104 dB(A)
Vibration to whole hand/arm		< 2.50 m/s <sup>2</sup>	< 2.50 m/s <sup>2</sup>
Miscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Controls		2 Joysticks	2 Joysticks
Safety cab homologation		Cab ROPS - FOPS Level 2	Cab ROPS - FOPS Level 2
Attachment recognition system (E-Reco)		Standard	Standard

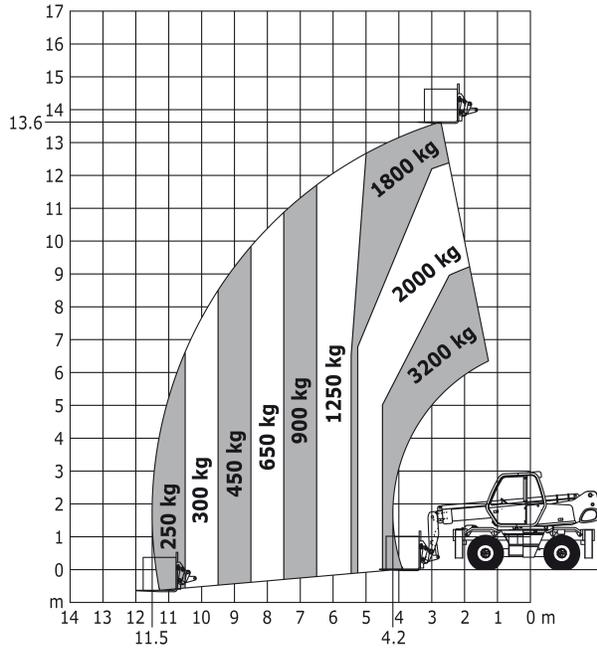
## Dimensional drawing



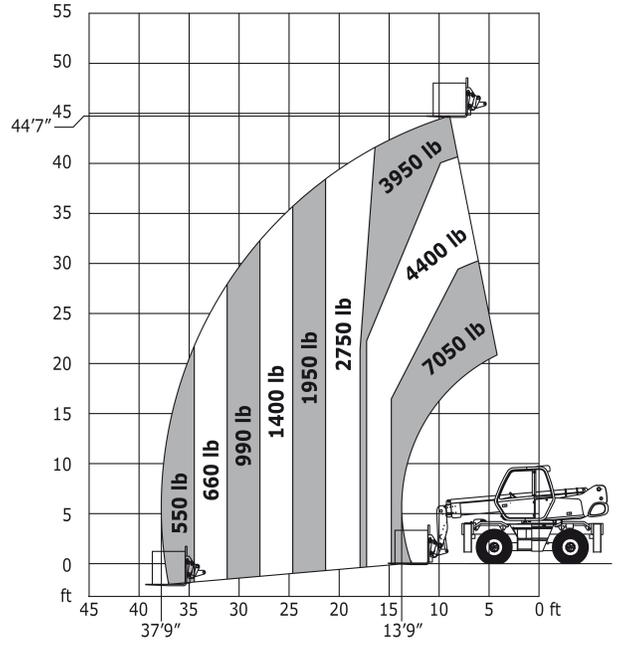
Other data		Metric	Imperial
Length to face of forks	$l_2$	5.35 m	17 ft 7 in
Length of frame	$l_{14}$	4.35 m	14 ft 3 in
Wheelbase	$y$	2.32 m	7 ft 7 in
Ground clearance	$m_4$	0.34 m	1 ft 1 in
Counterweight offset (turret at 90°)	$a_7$	2.04 m	6 ft 8 in
Tilt-up angle	$a_4$	12 °	12 °
Tilt-down angle	$a_5$	105 °	105 °
Overall length at stabilisers	$l_{12}$	4.3 m	14 ft 1 in
Outer frame turning radius	$Wa_3$	3.9 m	12 ft 10 in
Outer turning radius (with forks)	$b_{15}$	5.25 m	17 ft 3 in
Overall width	$b_1$	2.4 m	7 ft 10 in
Overall width with stabilisers extended	$b_7$	3.98 m	13 ft 1 in
Overall cab width	$b_4$	0.95 m	3 ft 1 in
Overall height	$h_{17}$	2.97 m	9 ft 9 in
Ground clearance under front tires on stabilizers	$m_5$	0.16 m	6 in

# Load chart

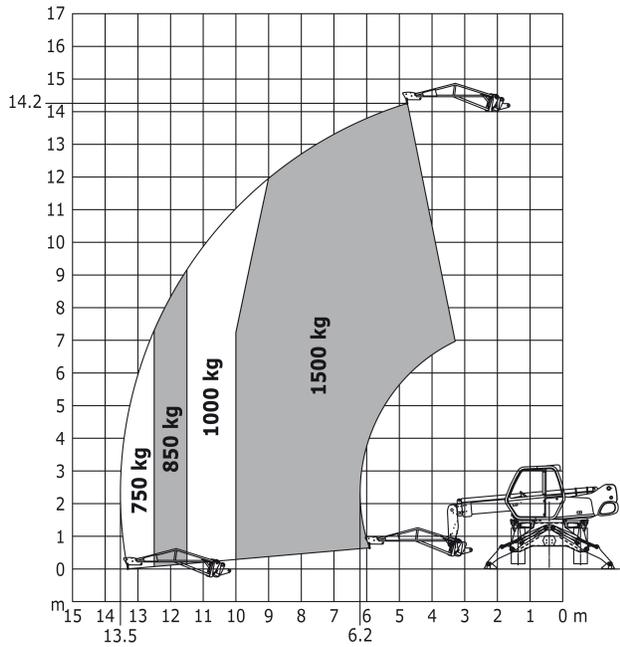
Machine on tyres with forks Metric



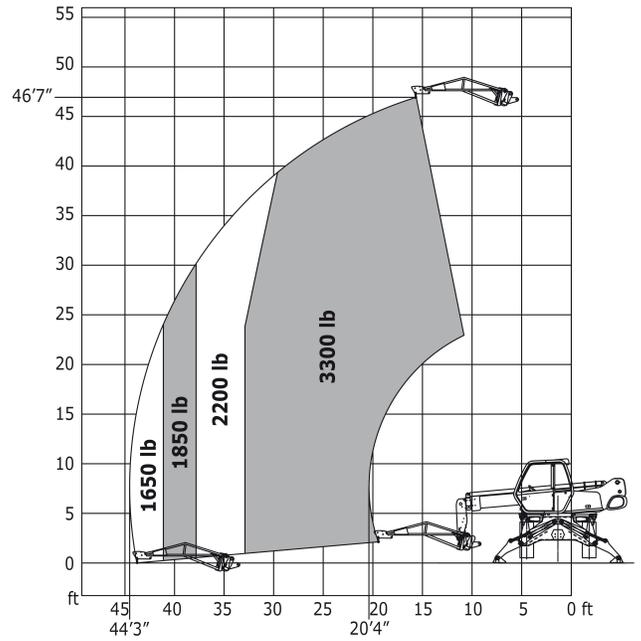
Machine on tyres with forks Imperial



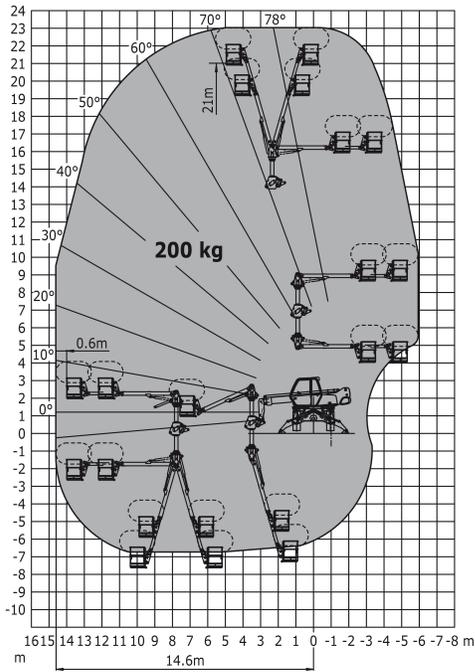
Rotation on lowered stabilisers with 1500 kg jib Metric



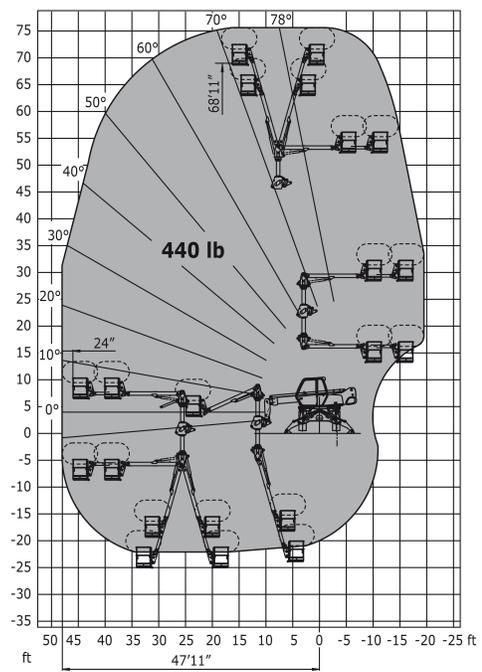
Rotation on lowered stabilisers with 1500 kg jib Imperial



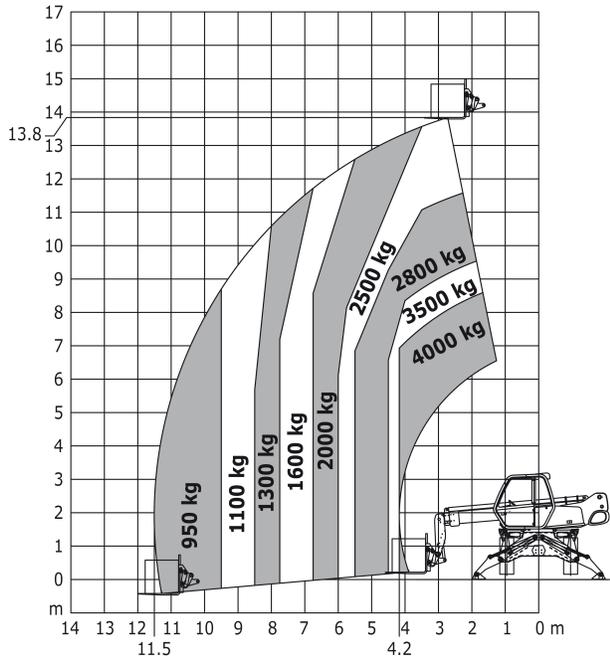
Rotation on lowered stabilisers with 3D positive / negative Metric



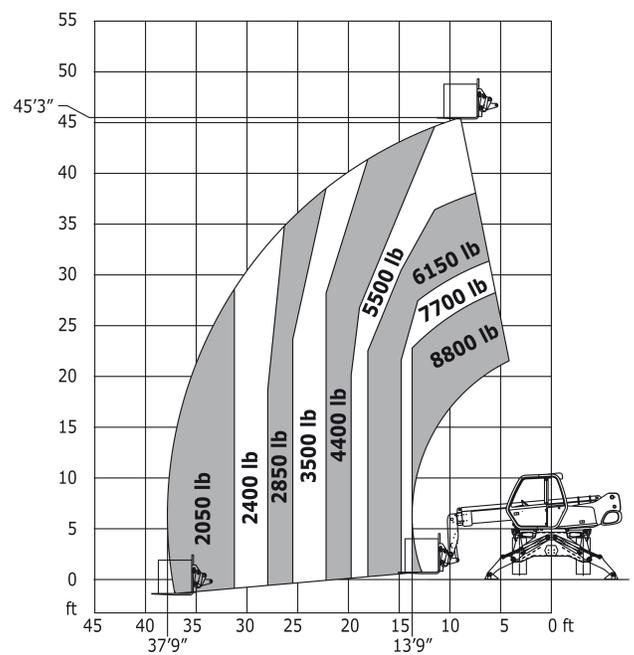
Rotation on lowered stabilisers with 3D positive / negative Imperial



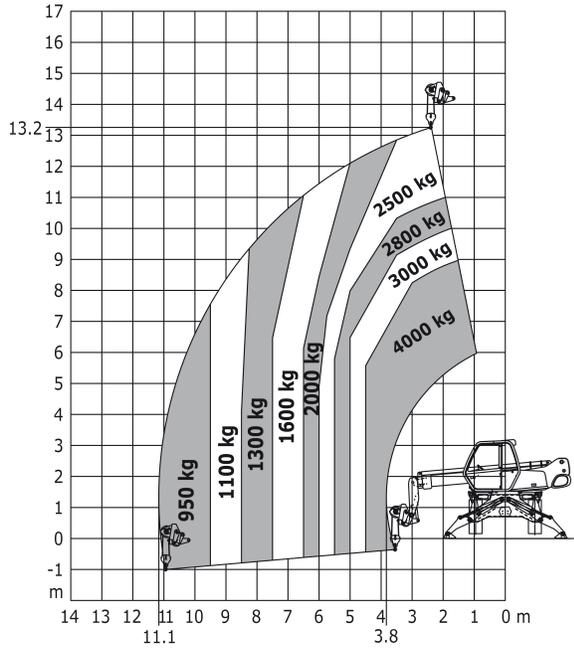
Rotation on lowered stabilisers with forks Metric



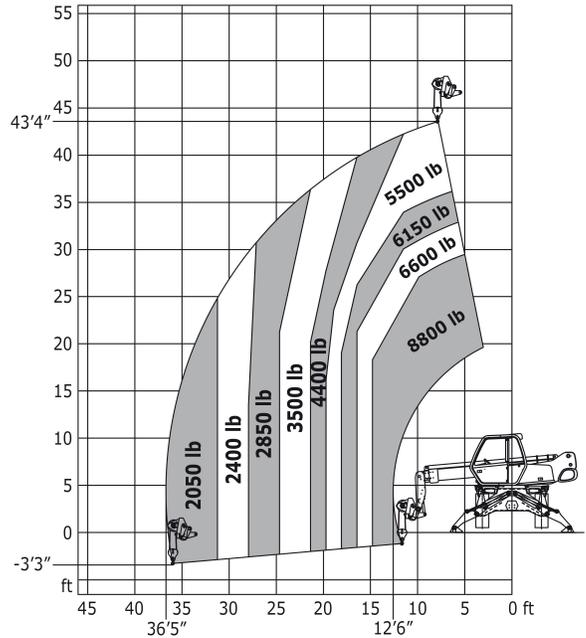
Rotation on lowered stabilisers with forks Imperial



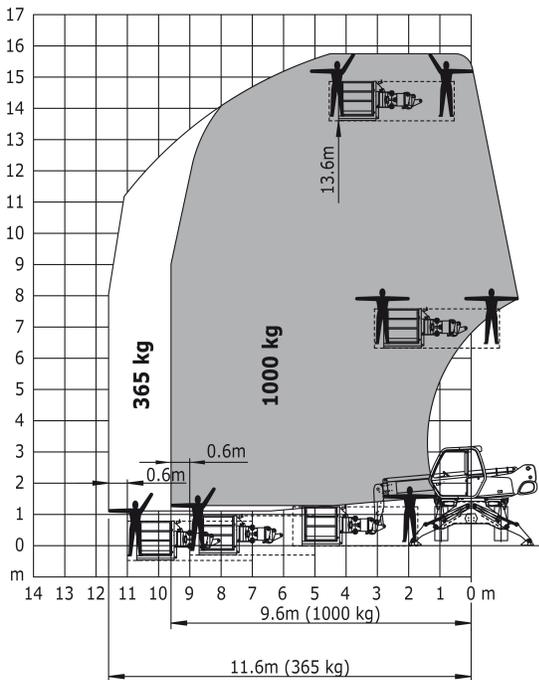
Rotation on lowered stabilisers with winch  
5000 kg Metric



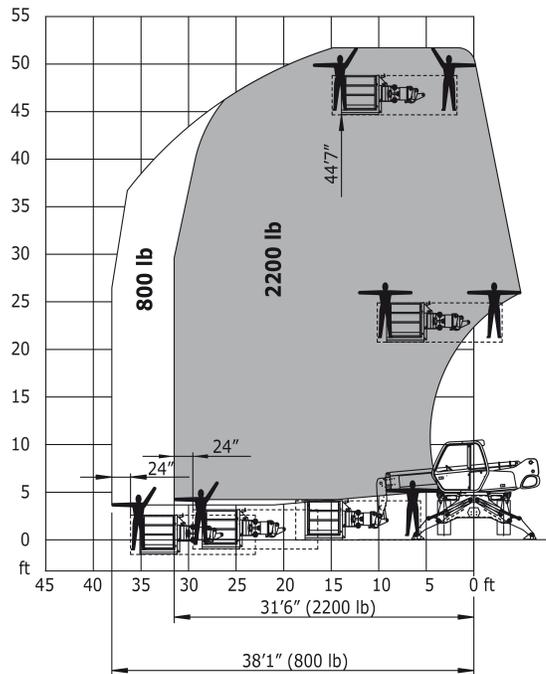
Rotation on lowered stabilisers with winch  
5000 kg Imperial

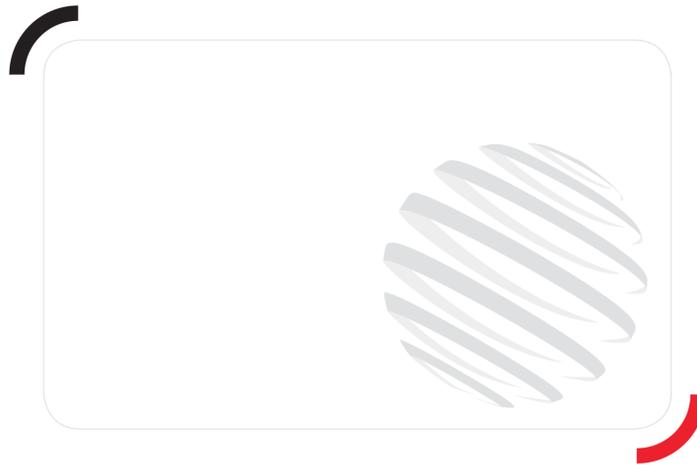


Rotation on lowered stabilisers with 365/1000  
kg platform Metric



Rotation on lowered stabilisers with 365/1000  
kg platform Imperial





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