

Technical sheet :

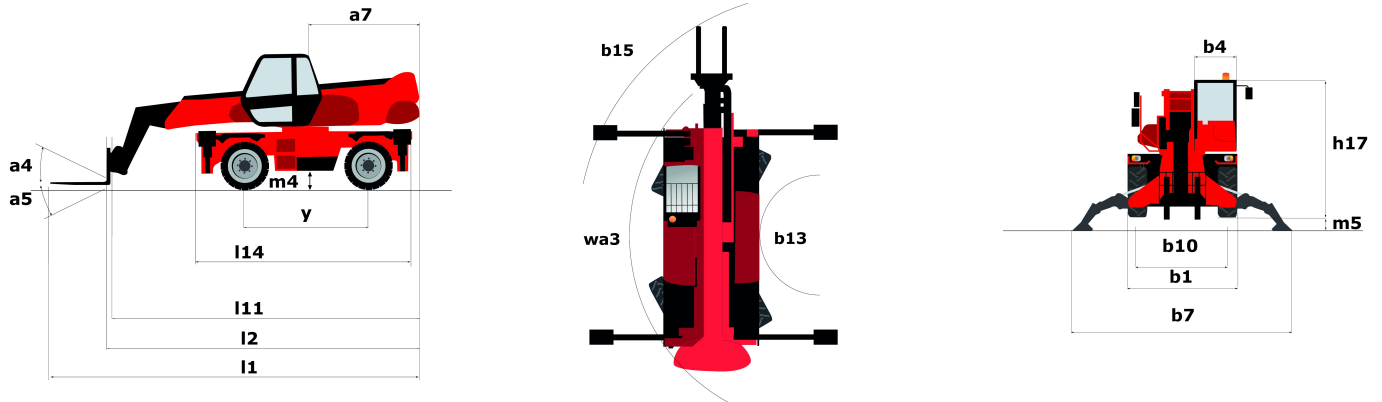
# **MRT 1640 EASY T4 S2 360°**

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Capacities		Metric	Imperial
Max. capacity	Q	4000 kg	8818 lbs
Max. lifting height	h3	15.8 m	51 ft 10 in
Max. Reach	l4	13.5 m	44 ft 3 in
Weight and dimensions			
Ground clearance center	m4	0.34 m	1 ft 1 in
Wheelbase	y	2.32 m	7 ft 7 in
Length to face of forks	l2	6.36 m	20 ft 10 in
Length of frame	l14	4.35 m	14 ft 3 in
Overall length (with forks)	l1	6.36 m	20 ft 10 in
Overall width	b1	2.4 m	7 ft 10 in
Overall width with stabilisers extended	b7	3.98 m	13 ft 1 in
Overall height	h17	2.97 m	9 ft 9 in
Overall cab width	b4	0.95 m	3 ft 1 in
Tilt-down angle	a5	105 °	105 °
Tilt-up angle	a4	12 °	12 °
Forks length / width / section	l / e / s	1200 mm x 150 mm x 50 mm	47.244 in x 5.906 in x 1.969 in
Turret rotation		400 °	400 °
Outer frame turning radius	Wa3	3.9 m	12 ft 10 in
Overall weight		12875 kg	28385 lbs
Wheels			
Tyres type		Pneumatic	Pneumatic
Steering wheels (front / rear)		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2
Stabilisers			
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 IV / Tier 4 Final	Stage IV / Tier 4 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 @ 1200 tr/min	424 Nm @ 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
Drawbar pull (Laden)		8600 daN	8600 daN
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
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		150 l	33 gal
Hydraulic oil		150 l	33 gal
Fuel tank		130 l	28.6 gal
Diesel Exhaust fluid (AdBlue® type)		57 l	12.54 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			
Controls		2 Joysticks	2 Joysticks
Safety cabin homologation		Cab ROPS - FOPS Level 2	Cab ROPS - FOPS Level 2
Attachment recognition system (E-Reco)		Standard	Standard

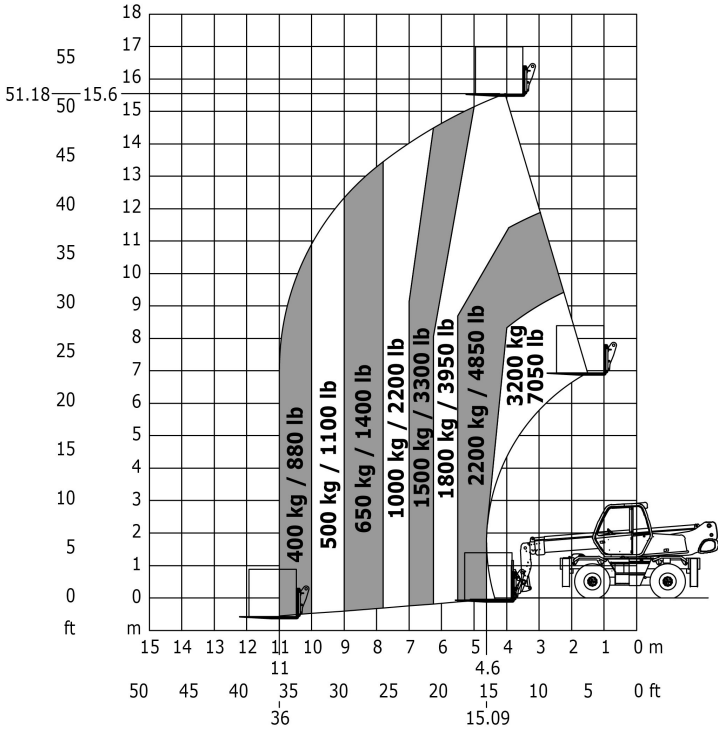
## Dimensional drawing



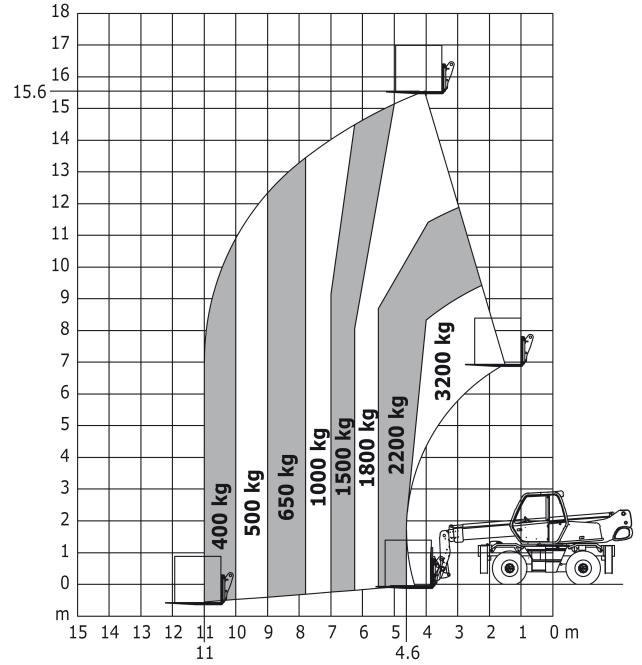
Other data		Metric	Imperial
Overall length (with forks)	l1	6.36 m	20 ft 10 in
Length to face of forks	l2	6.36 m	20 ft 10 in
Length of frame	l14	4.35 m	14 ft 3 in
Wheelbase	y	2.32 m	7 ft 7 in
Ground clearance center	m4	0.34 m	1 ft 1 in
Counterweight offset (turret at 90°)	a7	2.49 m	8 ft 2 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	105 °	105 °
Outer frame turning radius	Wa3	3.9 m	12 ft 10 in
Outer turning radius (with forks)	b15	3.9 m	12 ft 10 in
Overall width	b1	2.4 m	7 ft 10 in
Overall width with stabilisers extended	b7	3.98 m	13 ft 1 in
Overall cab width	b4	0.95 m	3 ft 1 in
Overall height	h17	2.97 m	9 ft 9 in

# Load chart

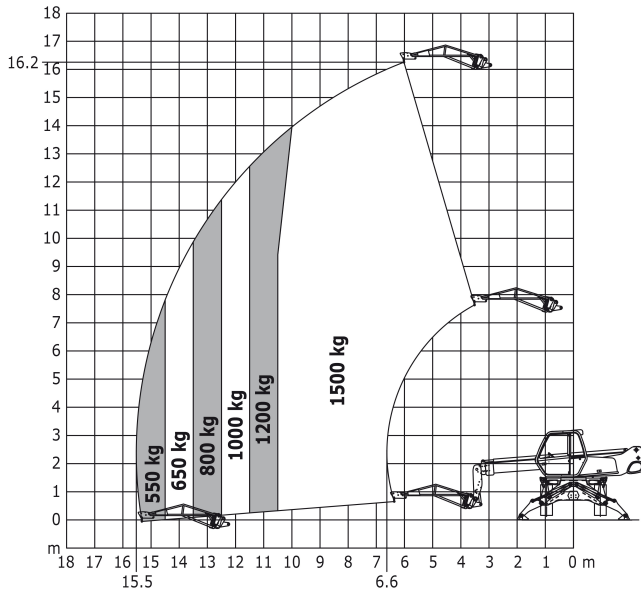
Load Chart metric



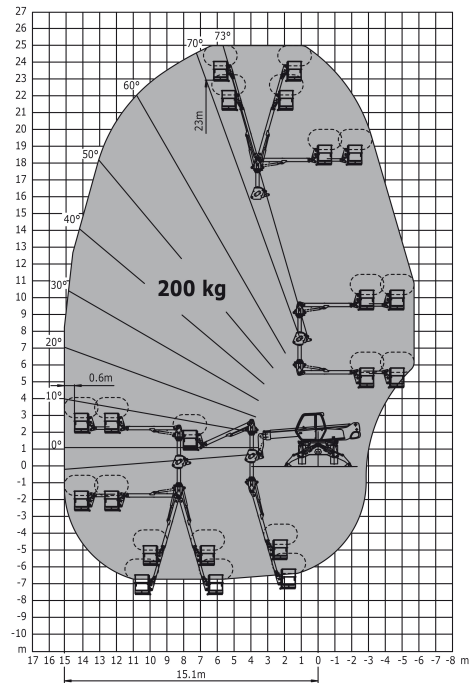
Machine on tyres with forks Metric



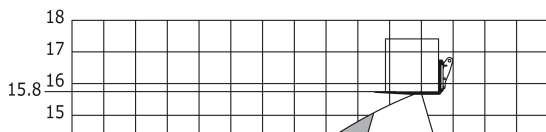
Rotation on lowered stabilisers with 1500 kg jib Metric



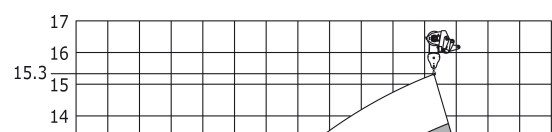
Rotation on lowered stabilisers with 3D positive / negative Metric

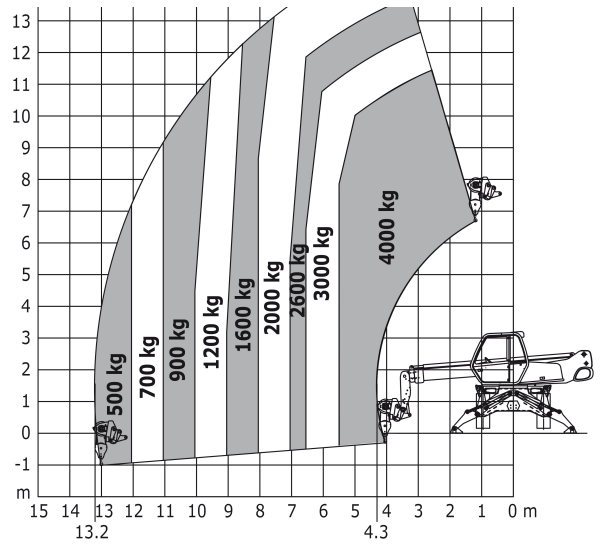
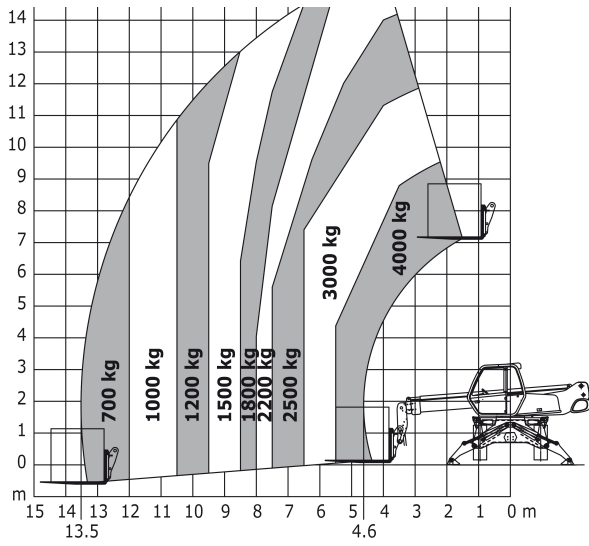


Rotation on lowered stabilisers with forks Metric

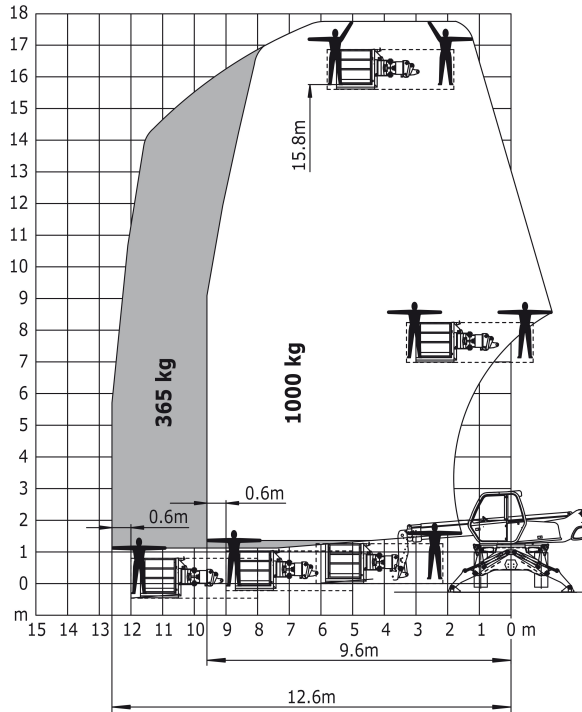


Rotation on lowered stabilisers with winch 5000 kg Metric





Rotation on lowered stabilisers with 365/1000 kg platform Metric





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