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TELESCOPIC HANDLERS

MANITOU MRT 1840
Easy



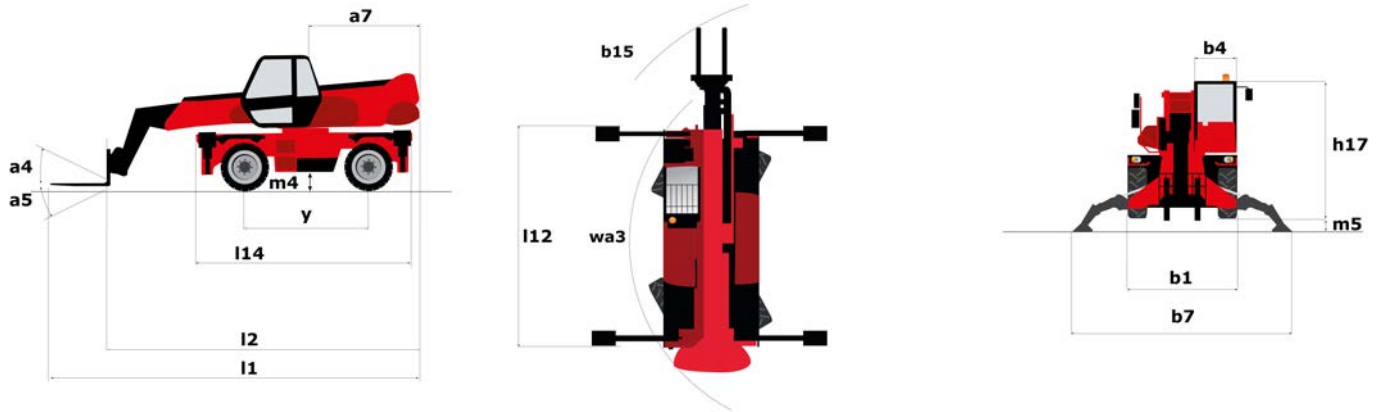
Technical sheet :

MRT 1840 EASY T4 S1 400°



Capacities		Metric
Max. capacity	Q	4000 kg
Max. lifting height	h3	17.9 m
Max. Reach	l4	15.1 m
Weight and dimensions		
Overall width	b1	2.4 m
Overall height	h17	2.97 m
Overall cab width	b4	0.95 m
Ground clearance	m4	0.34 m
Wheelbase	y	2.32 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	105 °
Overall weight		13670 kg
Forks length / width / section	l / e / s	1200 mm x125 mm x 50 mm
Wheels		
Standard tyres		405/70-20
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Stabilisers		
Stabs Type		Wing Type
Controls with stabs		Stabs Commands Individual or Simultaneous
Engine		
Engine brand		Perkins
Engine norm		Stage IV / Tier 4 Final
Engine model		854 E-E 34 TA
I.C. Engine power rating / Power (kW)		102 Hp / 75 kW
Max. torque / Engine rotation		430 Nm @ 1200 rpm
Number of cylinders - Capacity of cylinders		4 - 3400 cm³
Engine cooling system		Water
Battery / Batteries capacity		12 V x 120 Ah
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed		32 km/h
Drawbar pull (Laden)		8600 daN
Parking brake		Automatic negative parking brake
Service brake		Hydraulic
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow		115 l/min
Hydraulic Pressure		270 Bar
Tank capacities		
Engine oil		8.50 l
Hydraulic oil		150 l
Fuel tank		130 l
Diesel Exhaust fluid (AdBlue® type)		19 l
Noise and vibration		
Noise at driving position (LpA)		79.7 dB(A)
Environmental noise (LwA)		104 dB(A)
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Controls		2 Joysticks
Safety cab homologation		ROPS - FOPS cab (level 2)
Attachment recognition system (E-Reco)		Standard

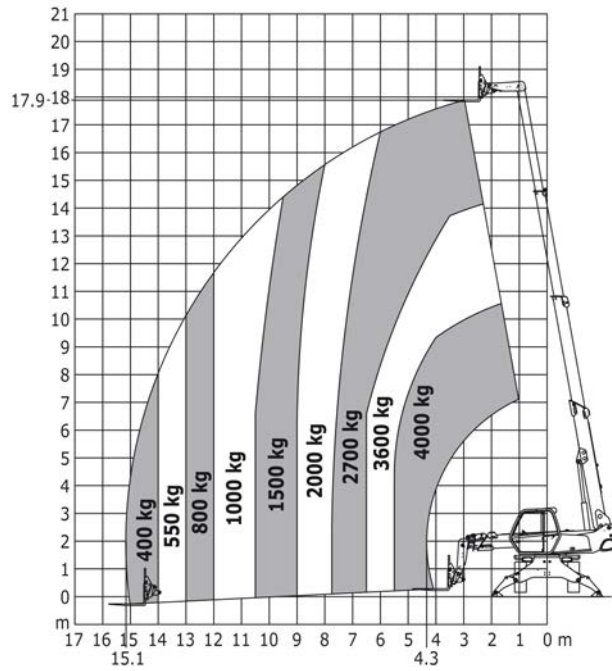
Dimensional drawing



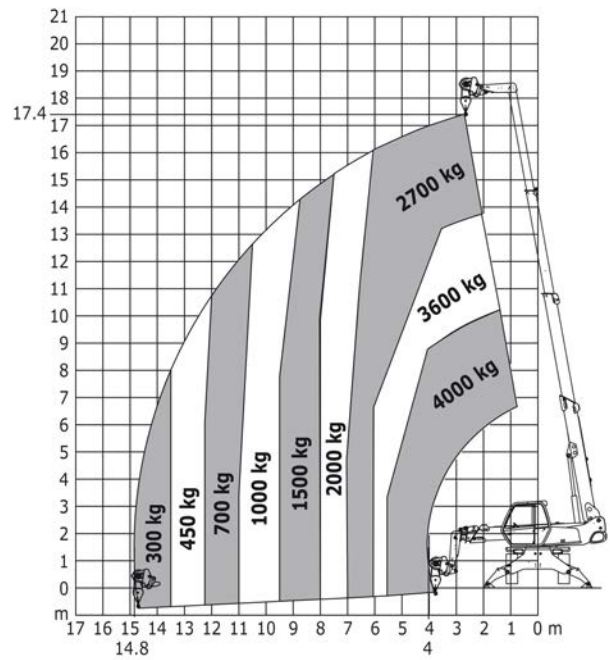
Other data		Metric	
Overall length (with forks)	l1		6.74 m
Length to face of forks	l2		5.54 m
Length of frame	l14		4.35 m
Wheelbase	y		2.32 m
Ground clearance	m4		0.34 m
Counterweight offset (turret at 90°)	a7		2.49 m
Tilt-up angle	a4		12 °
Tilt-down angle	a5		105 °
Overall length at stabilisers	l12		4.3 m
Outer turning radius (with forks)	b15		5.24 m
Overall width	b1		2.4 m
Overall width with stabilisers extended	b7		3.98 m
Overall cab width	b4		0.95 m
Overall height	h17		2.97 m
Ground clearance under front tires on stabilizers	m5		0.16 m

Load chart

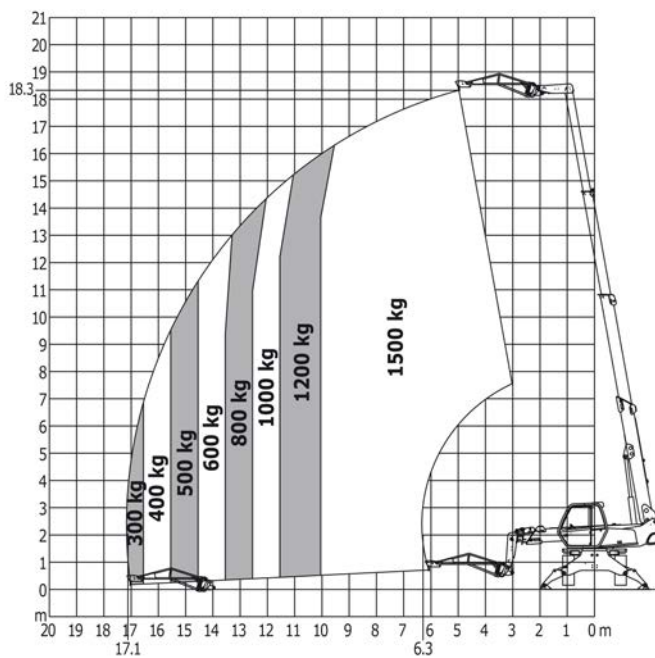
Machine on lowered stabilisers with forks Metric



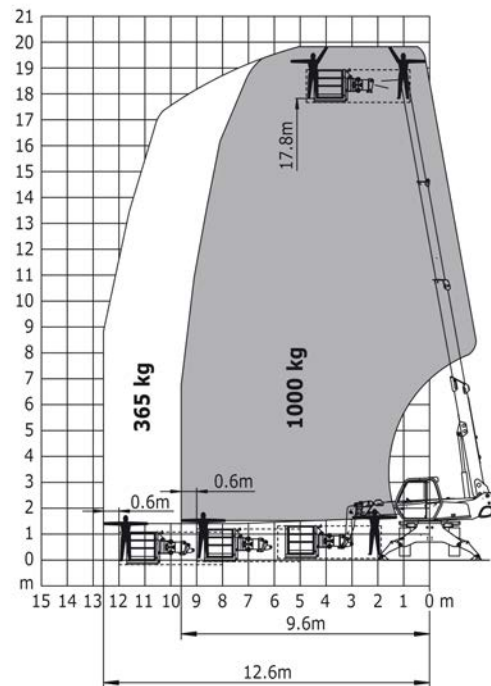
Machine on lowered stabilisers with winch 5000 kg Metric



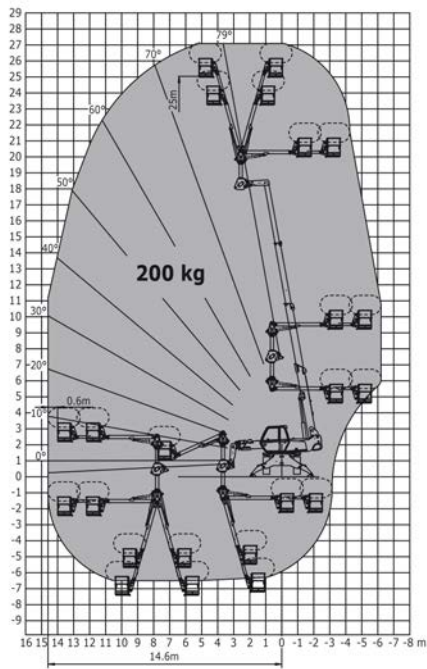
Machine on lowered stabilisers with 1500 kg jib Metric



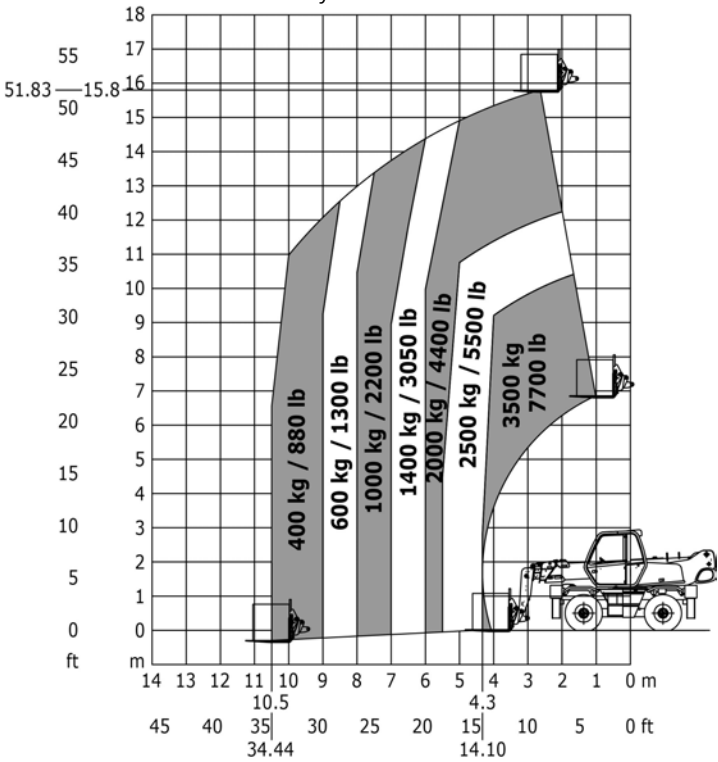
Machine on lowered stabilisers with 365/1000 kg platform Metric



Machine on lowered stabilisers with 3D positive / negative Metric



Machine on tyres with forks Metric



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