Technical sheet :

MRT-X 1840 EASY 400°

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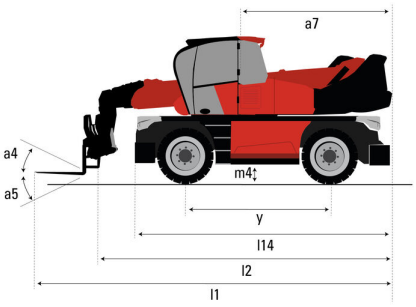
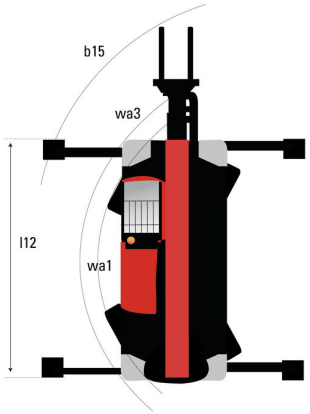
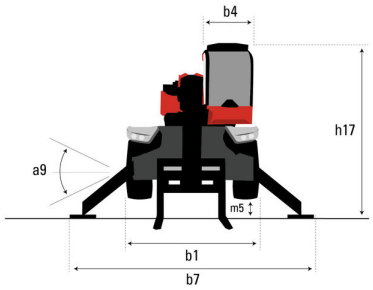
Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		17.90 m
Max. outreach	r1	15.10 m
Weight and dimensions		
Overall width	b1	2.40 m
Overall height	h17	2.97 m
Overall cab width	b4	0.95 m
Ground clearance	m4	0.34 m
Wheelbase	y	2.32 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	105 °
Overall weight		13680 kg
Forks length / width / section	l / e / s	1200 mm x 125 mm x 15 mm
Wheels		
Tyres type		Pneumatic
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 IIIA
Engine model		1104D-44T
I.C. Engine power rating / Power (kW)		101 Hp / 74.50 kW
Max. torque / Engine rotation		392 Nm @ 1200 rpm
Number of cylinders - Capacity of cylinders		3400 - 4400 cm³
Injection		engine Injection direct
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 Hand-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
Noise and vibration		
Noise at driving position (LpA)		79.70 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

MRT-X 1840 Easy 400° - Dimensional drawing



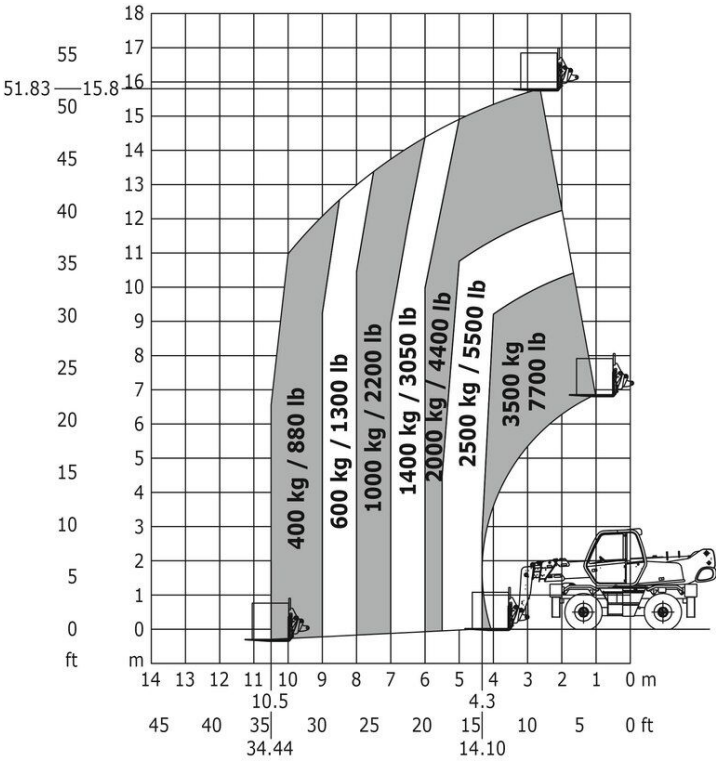




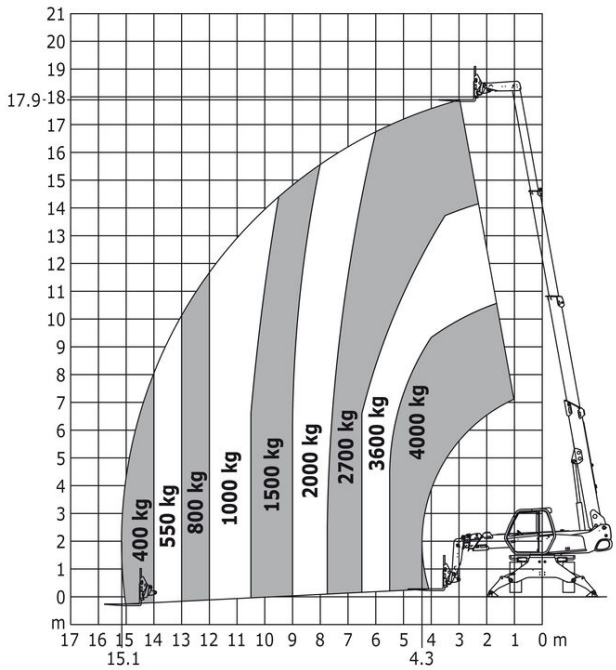
Other data		Metric
Overall length (with forks)	l1	6.74 m
Length to face of forks	l2	5.54 m
Length of frame	l14	4.35 m
Wheelbase	y	2.32 m
Ground clearance	m4	0.34 m
Counterweight offset (turret at 90°)	a7	2.49 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	105 °
Overall length at stabilisers	l12	4.30 m
Outer turning radius (with forks)	b15	5.24 m
Overall width	b1	2.40 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

MRT-X 1840 Easy 400° - Load chart

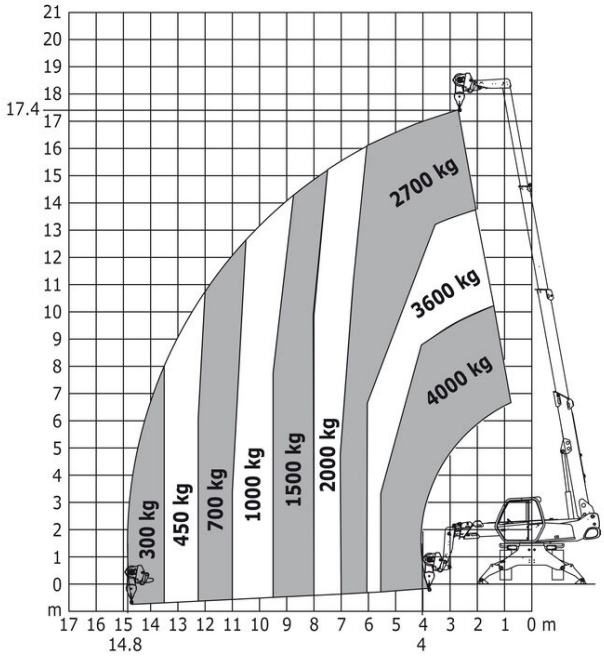
Machine on tyres with forks Metric



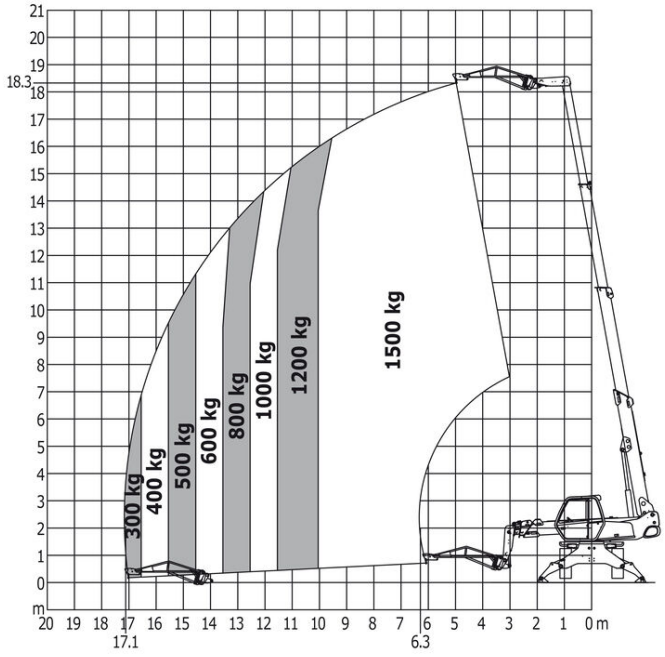
Machine on lowered stabilisers with forks Metric



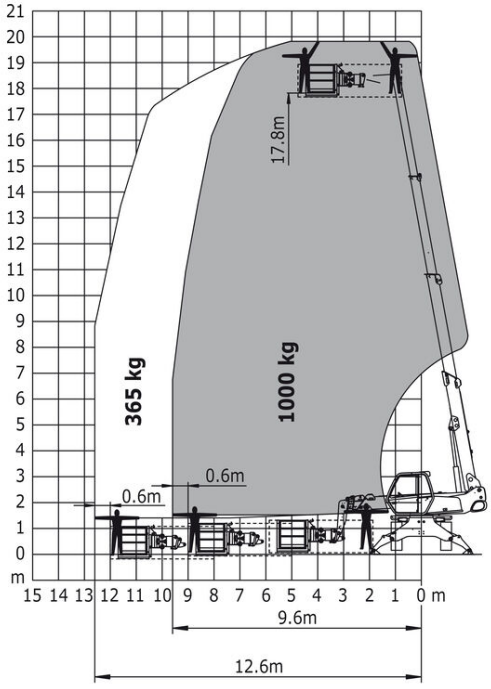
Machine on lowered stabilisers with winch 5000 kg Metric



Machine on lowered stabilisers with 1500 kg jib Metric



Machine on lowered stabilisers with 1000 kg platform Metric



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