

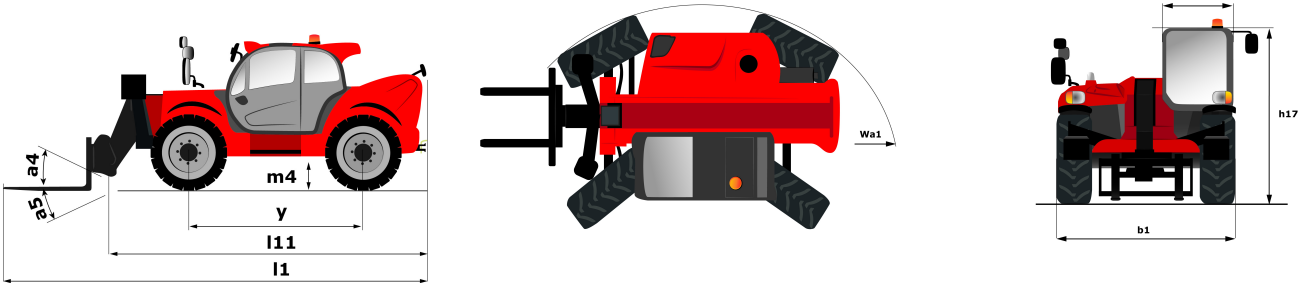
Technical sheet :

MT 1840 EASY ST5



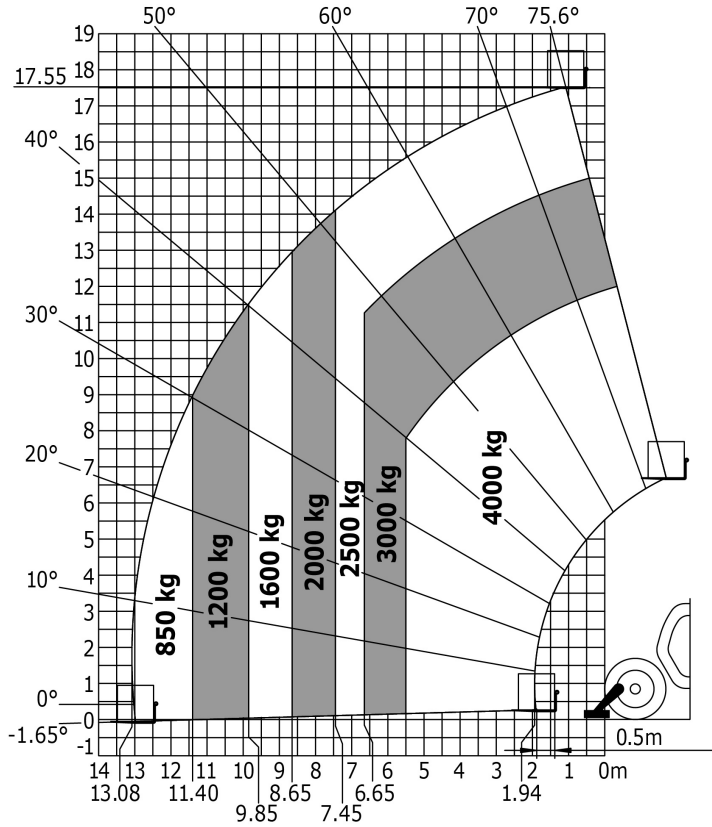
Capacities		Metric	Imperial
Max. capacity	Q	4000 kg	8818 lbs
Max. lifting height	h3	17.55 m	57 ft 7 in
Max. Reach	l4	13.08 m	42 ft 11 in
Breakout force with bucket		7400 daN	7400 daN
Weight and dimensions			
Overall length to carriage	l11	6.27 m	20 ft 7 in
Overall width	b1	2.36 m	7 ft 9 in
Overall height	h17	2.45 m	8 ft
Wheelbase	y	3.07 m	10 ft 1 in
Ground clearance center	m4	0.37 m	1 ft 3 in
Overall cab width	b4	0.89 m	2 ft 11 in
Tilt-up angle	a4	16 °	16 °
Tilt-down angle	a5	110 °	110 °
External turning radius (over tyres)	Wa1	3.94 m	12 ft 11 in
Unladen weight (with forks)		11710 kg	25816 lbs
Tyres type		Pneumatic	Pneumatic
Standard tyres		Alliance 400/80 - 24 - 162A8	Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm x 45 mm	47.244 in x 4.921 in x 1.772 in
Performances			
Lifting		17.5 s	17.5 s
Lowering		12 s	12 s
Extension		16.5 s	16.5 s
Retraction		16.6 s	16.6 s
Crowd		4.8 s	4.8 s
Dump		4.2 s	4.2 s
Engine			
Engine brand		Deutz	Deutz
Engine norm		Stage 5 / Tier IV Final	Stage 5 / Tier IV Final
Engine model		TD 3.6 L	TD 3.6 L
Number of cylinders / Capacity of cylinders		4 - 3621 cm ³	4 - 220.97 in ³
I.C. Engine power rating - Power (kW)		75 Hp / 55.4 kW	75 Hp / 55.4 kW
Max. torque / Engine rotation		340 Nm @ 1600 tr/min	340 Nm @ 1600 tr/min
Drawbar pull (Laden)		8320 daN	8320 daN
Transmission			
Transmission type		Torque Converter	Torque Converter
Number of gears (forward / reverse)		4 / 4	4 / 4
Max. travel speed (may vary according to applicable regulations)		24.9 km/h	15.5 mph
Parking brake		Automatic negative parking brake	Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles	Oil-immersed multi-discs braking on front & rear axles
Hydraulics			
Hydraulic pump type		Gear Pump	Gear Pump
Hydraulic flow / Pressure		170 l/min / 270 Bar	170 l/min / 19 PSI
Tank capacities			
Engine oil		10 l	2.2 gal
Hydraulic oil		135 l	29.7 gal
Fuel tank		140 l	30.8 gal
Noise and vibration			
Noise at driving position (LpA)		79 dB(A)	79 dB(A)
Noise to environment (LwA)		102 dB(A)	102 dB(A)
Vibration on hands/arms		2.5 Nm	8.2 ft/s
Miscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2
Safety / Safety cabin homologation		Standard EN 15000 / Cab ROPS - FOPS Level 2	Standard EN 15000 / Cab ROPS - FOPS Level 2
Controls		JSM	JSM

Dimensional drawing

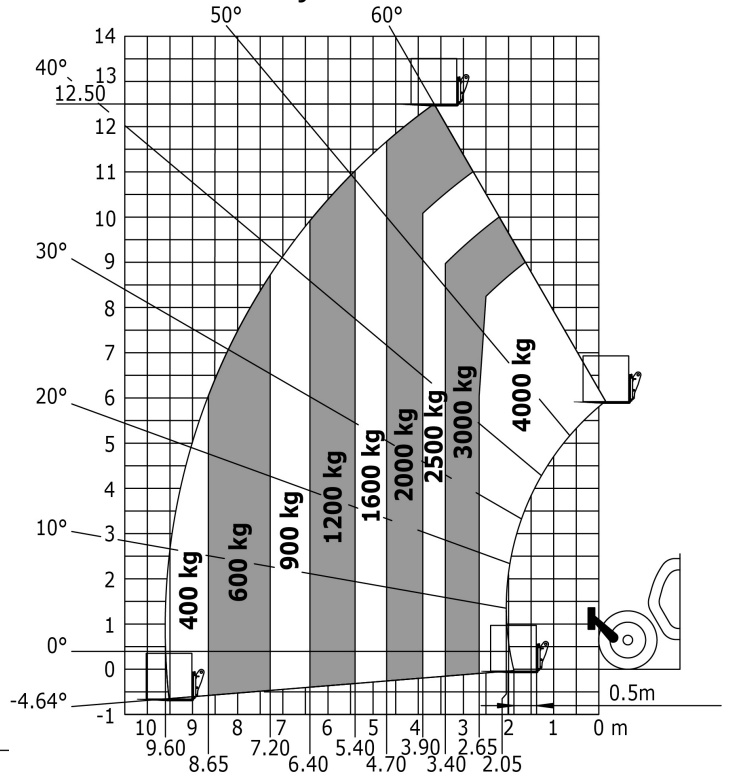


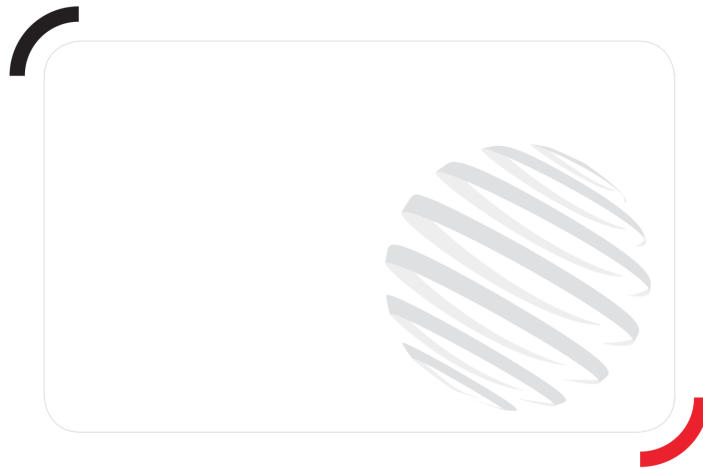
Load chart

Machine on stabilizers with forks Metric



Machine on tyres with forks Metric





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