

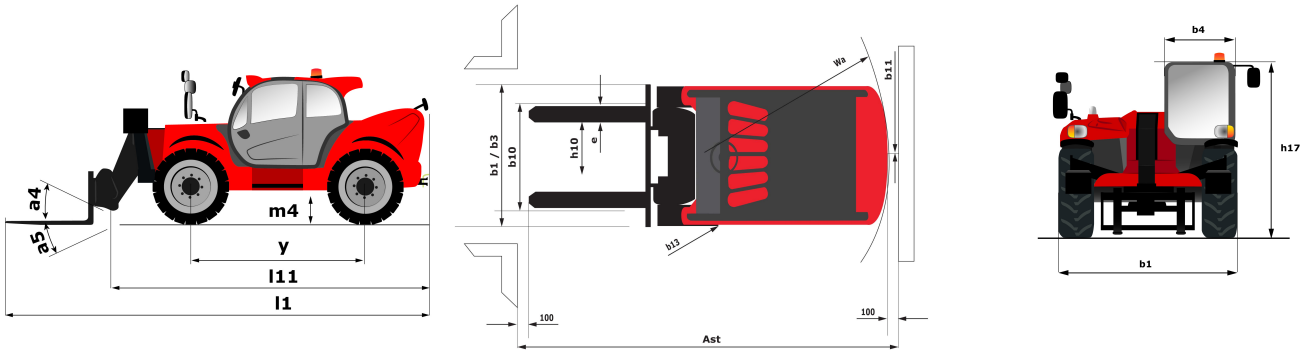
Technical sheet :

MT 1840 EASY ST5

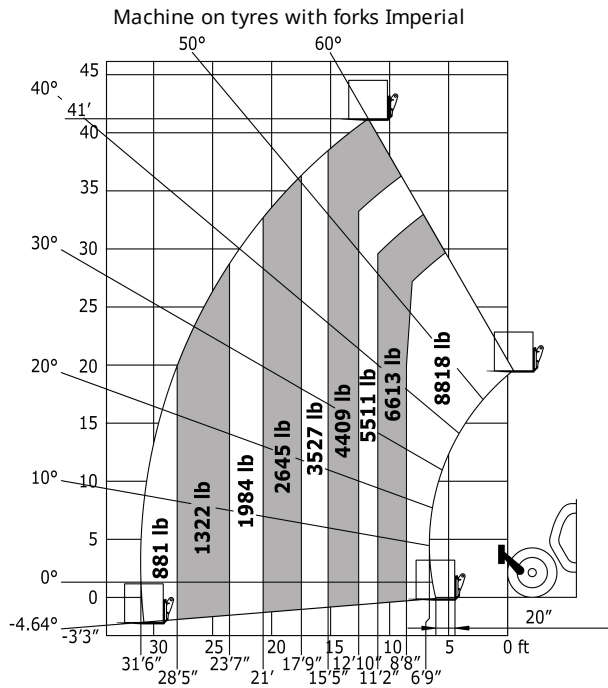
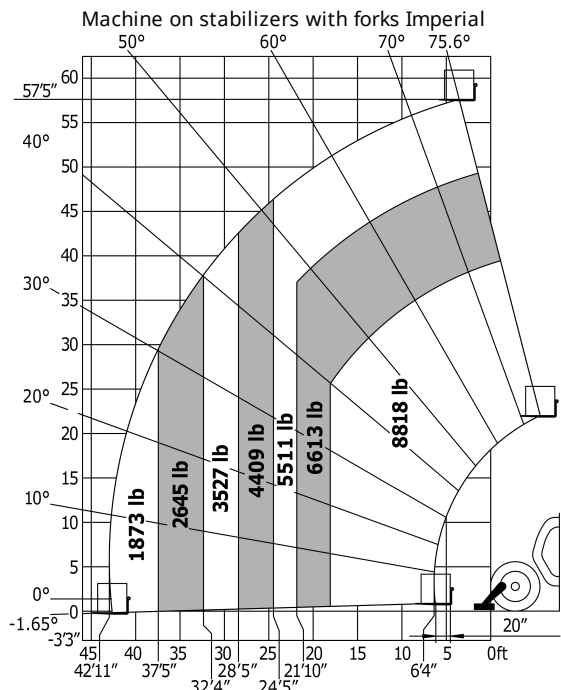
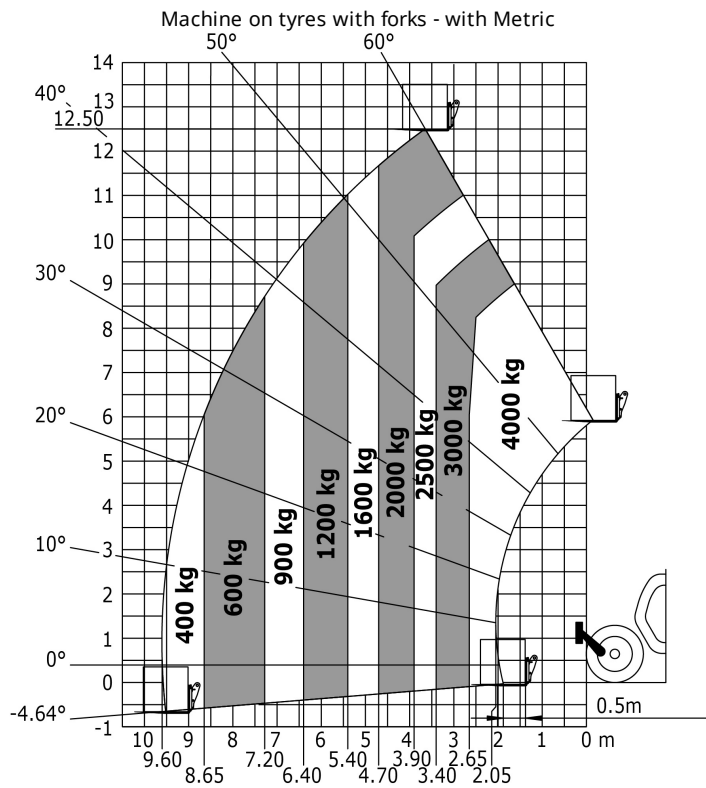


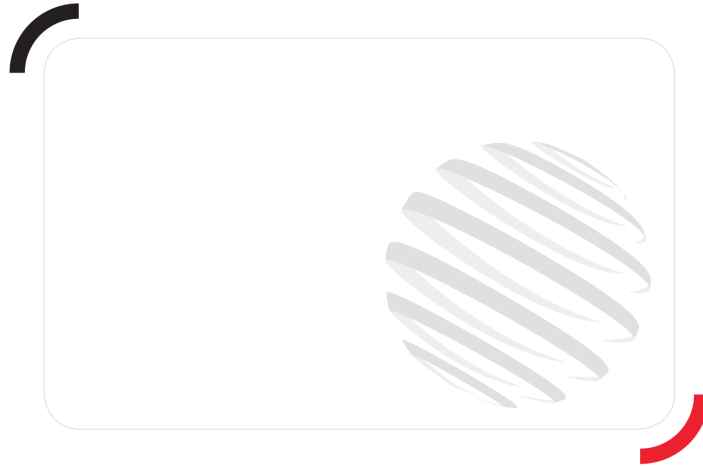
Capacities		Metric	Imperial
Max. capacity	Q	4000 kg	8818 lbs
Max. lifting height	h3	17.55 m	57 ft 7 in
Max. Reach	l4	13.08 m	42 ft 11 in
Breakout force with bucket		7400 daN	7400 daN
Weight and dimensions			
Overall length to carriage	l11	6.16 m	20 ft 3 in
Overall width	b1	2.36 m	7 ft 9 in
Overall height	h17	2.45 m	8 ft
Wheelbase	y	3.07 m	10 ft 1 in
Ground clearance	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 / 45 mm	47.244 in x 4.921 in / 1.772 in
Performances			
Lifting		17.5 s	17.5 s
Lowering		13.1 s	13.1 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 cm³	4 - 220.97 in³
I.C. Engine power rating - Power (kW)		75 Hp / 55.4 kW	75 Hp / 55.4 kW
Max. torque / Engine rotation		340 Nm @ 1600 rpm	340 Nm @ 1600 rpm
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		24.9 km/h	15.5 mph
Parking brake		Automatic parking brake	Automatic 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		7.50 l	1.98 US gal
Hydraulic oil		135 l	35.67 US gal
Fuel tank		140 l	36.99 US 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 m/s	< 8.2 ft/s
Miscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2
Safety / Safety cab homologation		Standard EN 15000 / ROPS - FOPS cab (level 2)	Standard EN 15000 / ROPS - FOPS cab (level 2)
Controls		JSM	JSM

Dimensional drawing



Load chart





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