

Technical sheet :

MT 1840 A



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		7706 daN	7706 daN
Weight and dimensions			
Overall length to carriage	l11	6.27 m	20 ft 7 in
Overall width	b1	2.42 m	7 ft 11 in
Overall height	h17	2.5 m	8 ft 2 in
Wheelbase	y	3.07 m	10 ft 1 in
Ground clearance	m4	0.42 m	1 ft 5 in
Overall cab width	b4	0.89 m	2 ft 11 in
Tilt-up angle	a4	90 °	90 °
Tilt-down angle	a5	90 °	90 °
External turning radius (over tyres)	Wa1	4.01 m	13 ft 2 in
Unladen weight (with man basket)		12650 kg	27888 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		14.2 s	14.2 s
Lowering		14.6 s	14.6 s
Extension		18.6 s	18.6 s
Retraction		15 s	15 s
Crowd		5.1 s	5.1 s
Dump		4.8 s	4.8 s
Engine			
Engine brand		Perkins	Perkins
Engine norm		Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
Engine model		854F-E34TA	854F-E34TA
Number of cylinders / Capacity of cylinders		4 - 3400 cm ³	4 - 207.48 in ³
I.C. Engine power rating - Power (kW)		102 Hp / 75 kW	102 Hp / 75 kW
Max. torque / Engine rotation		430 Nm/m @ 1400 tr/min	430 Nm/m @ 1400 tr/min
Drawbar pull (Laden)		6680 daN	6680 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)		25 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		106 l/min / 270 Bar	106 l/min / 19 PSI
Tank capacities			
Engine oil		7.50 l	1.65 gal
Hydraulic oil		135 l	29.70 gal
Fuel tank		140 l	30.80 gal
DEF tank capacity		21.60 l	4.75 gal
Noise and vibration			
Noise at driving position (LpA)		78 dB(A)	78 dB(A)
Noise to environment (LwA)		103 dB(A)	103 dB(A)
Vibration on hands/arms		< 2.5 m/s	< 8.2 ft/s
Compatible platform			
Platform capacity	Q	1000 kg	2205 lbs
Number of people (inside)		3	3
Platform dimensions (length x width)	lp / ep	5000 m x 1200 m	16404 ft 2 in x 3937 ft
Platform weight*		1150 kg	2535 lbs
Miscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2

Miscellaneous

Safety / Safety cab homologation

Controls

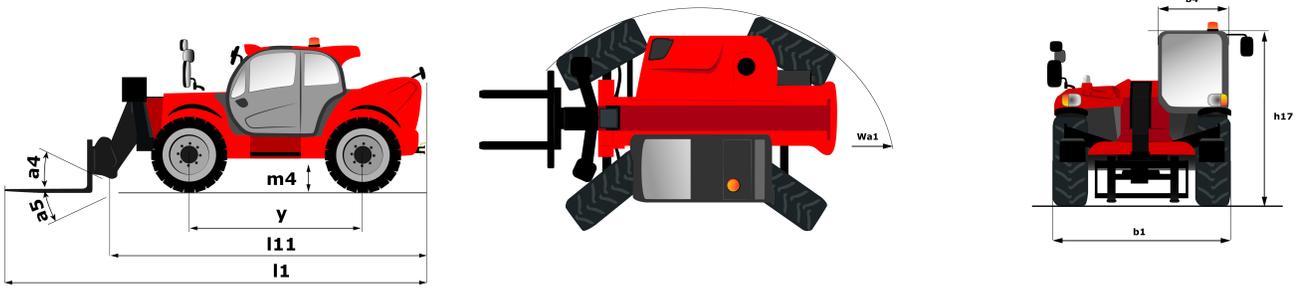
Standard EN 15000 / Cab ROPS - FOPS Level 2

JSM

Standard EN 15000 / Cab ROPS - FOPS Level 2

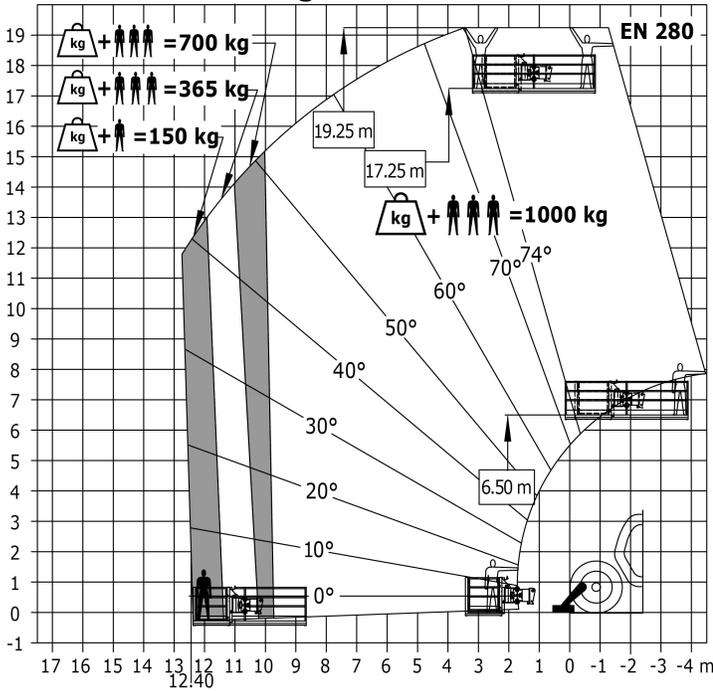
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Dimensional drawing

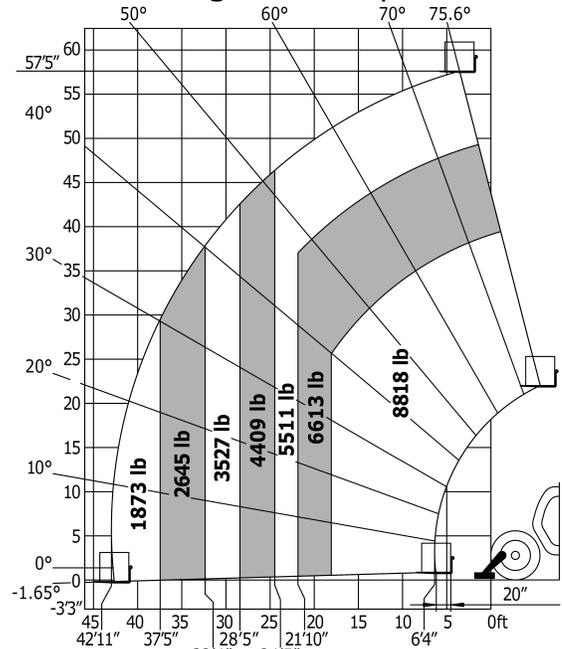


Load chart

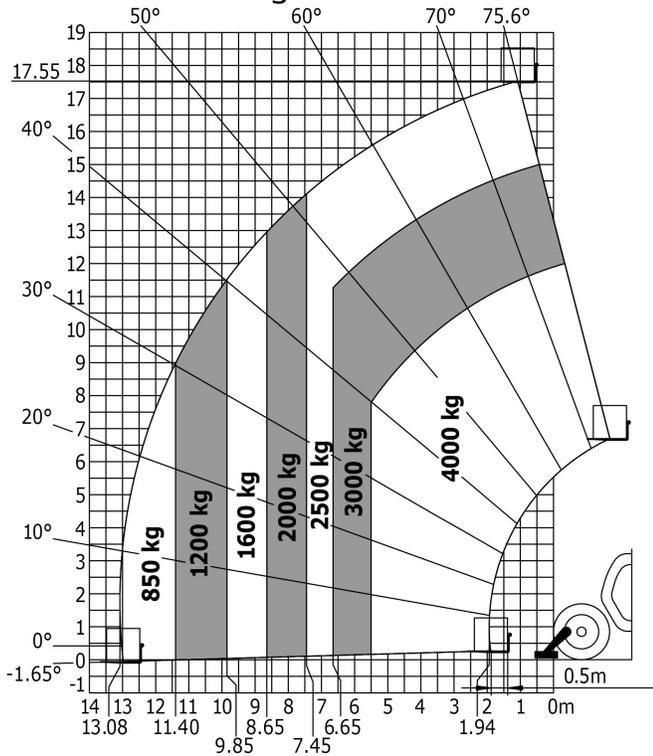
Machine on stabilizers with bucket basket and levelling device Metric



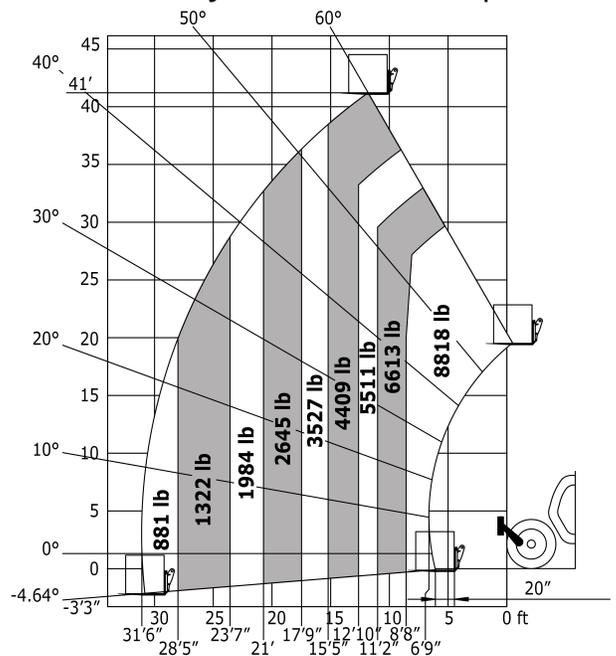
Machine on stabilizers with forks - with levelling device Imperial



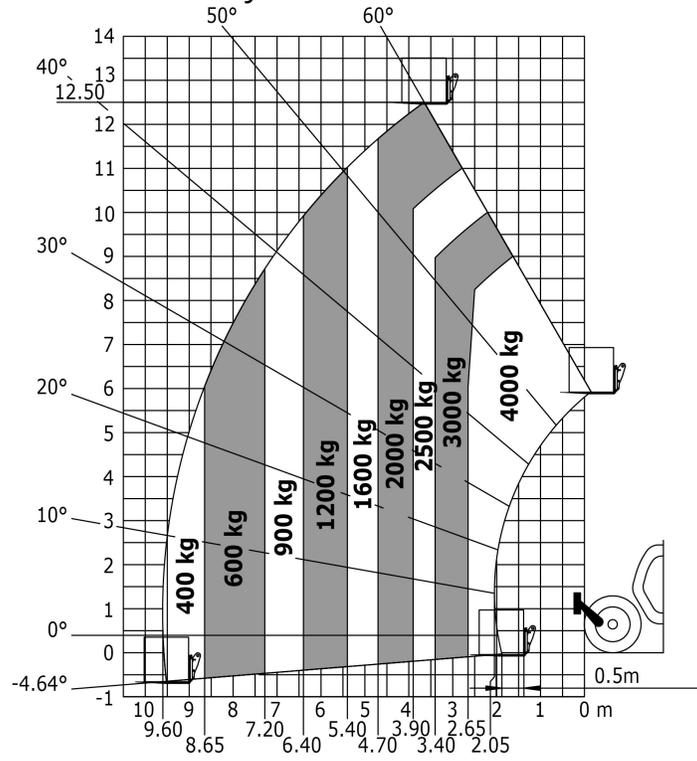
Machine on stabilizers with forks - with levelling device Metric

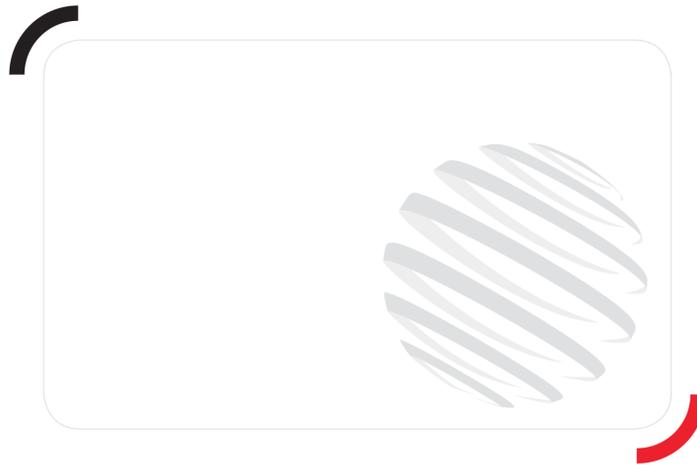


Machine on tyres with forks Imperial



Machine on tyres with forks - with Metric





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