Technical sheet :

MT-X 1840

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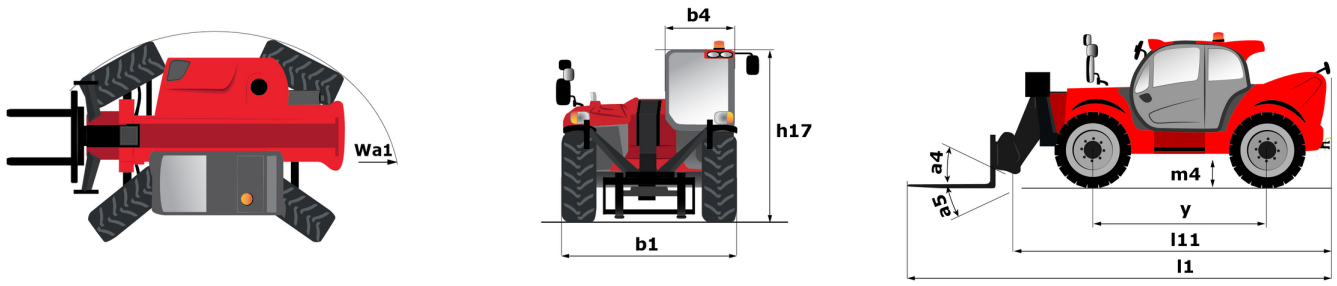
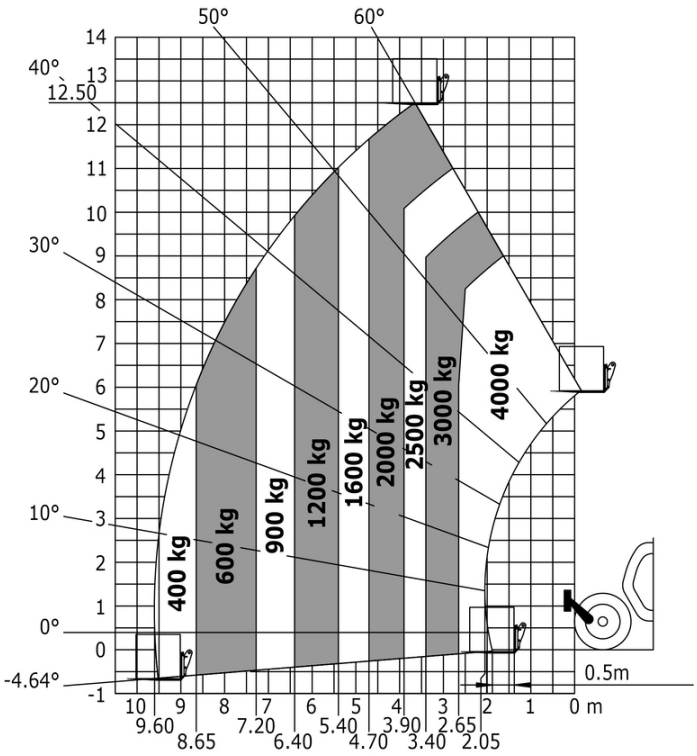
Capacities		Metric	Imperial
Max. capacity		4000 kg	8818 lb
Max. lifting height		17.55 m	57 ft 7 in
Max. outreach		13.08 m	42 ft 11 in
Breakout force with bucket		7500 daN	7500 daN
Weight and dimensions			
Overall length to carriage	l11	6.16 m	20 ft 3 in
Length to face of forks	l2	6.27 m	20 ft 7 in
Overall width	b1	2.42 m	7 ft 11 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	12 °	12 °
Tilt-down angle	a5	114 °	114 °
External turning radius (over tyres)	Wa1	3.94 m	12 ft 11 in
Unladen weight (with forks)		11630 kg	25640 lb
Overall weight		11600 kg	25574 lb
Tires type		Pneumatic	Pneumatic
Standard tires		Alliance 400/80 - 24 -162A8	Alliance 400/80 - 24 -162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm / 50 mm	47 in x 5 in / 2 in
Performances			
Lifting		17.30 s	17.30 s
Lowering		12.70 s	12.70 s
Extension		16.10 s	16.10 s
Retraction		15.60 s	15.60 s
Crowd		5 s	5 s
Dump		4 s	4 s
Engine			
Engine brand		Perkins	Perkins
Engine norm		Stage IIIA	Stage IIIA
Engine model		1104D-44TA	1104D-44TA
Number of cylinders / Capacity of cylinders		4 - 4400 cm³	4 - 269 in³
I.C. Engine power rating - Power		101 Hp / 74.50 kW	101 Hp / 74.50 kW
Max. torque / Engine rotation		400 Nm @ 1400 rpm	295 ft/lbs @ 1400 rpm
Drawbar pull (Laden)		10000 daN	10000 daN
Transmission			
Transmission type		Torque converter	Torque converter
Number of gears (forward / reverse)		4 / 4	4 / 4
Max. travel speed		24.90 km/h	15 mph
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-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		167 l/min-270 bar	44 US gpm-3916 PSI
Tank capacities			
Engine oil		11.40 l	3 US gal
Hydraulic oil		135 l	36 US gal
Fuel tank		140 l	37 US gal
Noise and vibration			
Noise at driving position (LpA)		82 dB	82 dB
Noise to environment (LwA)		105 dB	105 dB
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2
Safety cab homologation		ROPS - FOPS level 2 cab	ROPS - FOPS level 2 cab
Controls		JSM	JSM

MT-X 1840 - Dimensional drawing

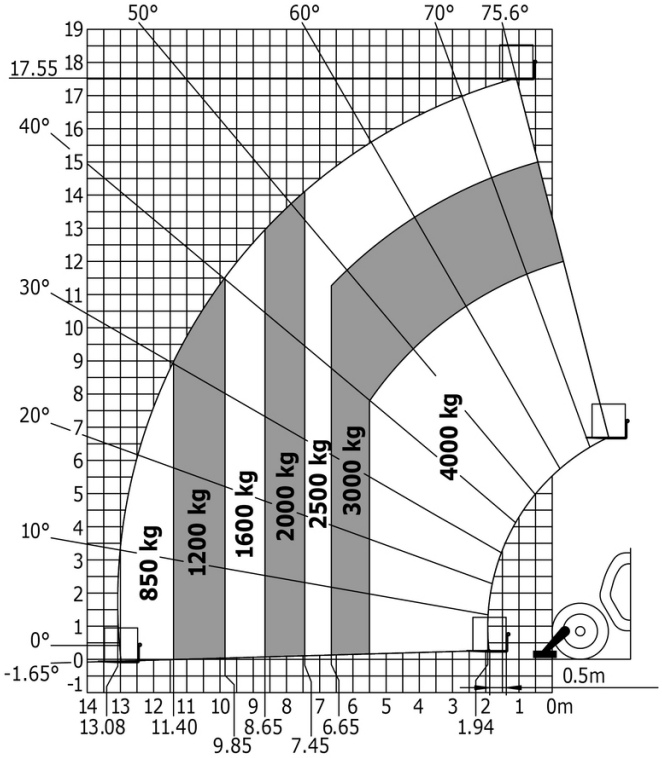


MT-X 1840 - Load chart

Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



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