Technical sheet:

# MT-X 1840 A

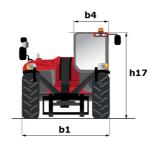


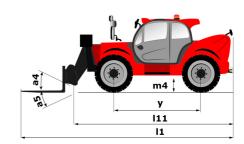


		MT-X 1840 A	Created on April 23, 2024 at 5:19:19 PM UTC
Capacities		Metric	Imperial
Max. capacity		4000 kg	8818 lb
Max. lifting height		17.55 m	57 ft 7 in
Max. outreach		9.60 m	31 ft 6 in
Breakout force with bucket		8400 daN	8400 daN
Weight and dimensions		0400 dain	0400 daiv
	11.1	6 16 m	20 ft 3 in
Overall length to carriage	l11	6.16 m	
Length to face of forks	12	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	у	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
Overall weight		12560 kg	27690 lb
Unladen weight (with man basket)		12560 kg	27690 lb
Tires type		Pneumatic	Pneumatic
Standard tires		Alliance 400/80 - 24 - 162A8	Alliance 400/80 - 24 - 162A8
	l/e/s	1200 mm x 125 mm / 50 mm	47 in x 5 in / 2 in
Forks length / width / section	1/6/5	1200 Hilli X 123 Hilli / 30 Hilli	47 111 X 3 111 / 2 111
Performances		10	40
Lifting		18 s	18 s
Lowering		14.40 s	14.40 s
Extension		17.90 s	17.90 s
Retraction		16.50 s	16.50 s
Crowd		5.10 s	5.10 s
Dump		4 s	4 s
Engine			
Engine brand		Perkins	Perkins
Engine norm		Stage IIIA	Stage IIIA
Max. fuel sulphur content		5000 ppm	5000 ppm
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			295 ft/lbs @ 1400 rpm
		400 Nm @ 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	Oil-immersed multi-discs braking on front & rear
		axles	axles
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow / Pressure		167 l/min-265 bar	44 US gpm-3843 PSI
Tank capacities			
Engine oil		11.40 l	3 US gal
Hydraulic oil		135 I	36 US gal
Fuel tank		140 I	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/s <sup>2</sup>	< 2.50 m/s <sup>2</sup>
Compatible platform		2.53 m, 0	2.30
Platform capacity	Q	1000 kg	2205 lb
Number of people	Ų	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 lb
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 A - Dimensional drawing





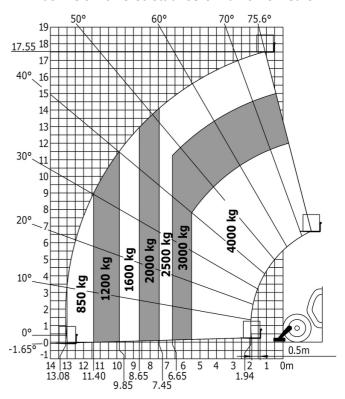


### MT-X 1840 A - Load chart

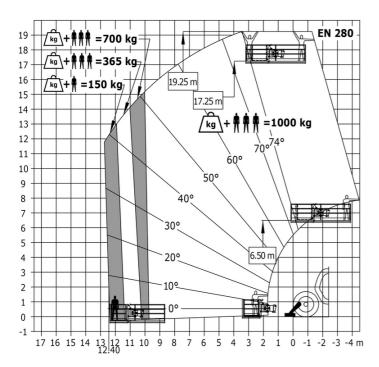
Machine on tyres with forks - with levelling device Metric

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### Machine on lowered stabilisers with forks Metric



## Machine on stabilisers with Man basket Metric







#### **Head Office**

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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