

MANITOU MT-X 1840

4 TONNE / 18 M CLASS TELEHANDLER



Representative Manitou model image

CAPACITY AT A GLANCE

4,000 kg

maximum rated capacity - configuration dependent

17.55 m

maximum lifting height

4,000

MAX. CAPACITY
kg rated load

17.55

MAXIMUM LIFT
m lifting height

13.08

MAX. OUTREACH
m horizontal reach

11,600

OVERALL WEIGHT
kg - source specification

CAPACITY AND REACH

Maximum rated capacity	4,000 kg
Maximum lift height	17.55 m
Maximum outreach	13.08 m
Capacity at max. reach	Refer to load chart
Capacity at max. height	Refer to load chart
Load chart / configuration	See supporting pages
Weight	11,600 kg

ENGINE AND DRIVELINE

Engine brand	Perkins
Engine model	1104D-44TA
Emission standard	Stage IIIA
Engine power	101 hp / 74.50 kW
Torque	400 Nm @ 1,400 rpm
Transmission	Torque converter
Gears - forward / reverse	4 / 4

DIMENSIONS

Length to fork face	6.27 m
Overall width	2.42 m
Overall height	2.45 m
Wheelbase	3.07 m
Ground clearance	0.37 m
Turning radius - over tyres	3.94 m
Forks - L x W x T	1,200 x 125 x 50 mm

PERFORMANCE AND HYDRAULICS

Maximum travel speed	24.90 km/h
Lift / lower time	17.30 / 12.70 s
Extend / retract time	16.10 / 15.60 s
Hydraulic flow / pressure	167 L/min / 270 bar
Drawbar pull - laden	10,000 daN
Fuel tank	140 L
Unladen weight - with forks	11,630 kg



CAPACITY AND CONFIGURATION NOTE

Maximum capacity, lift height and outreach are separate limits. Use the load chart for the fitted attachment and operating configuration. Source also lists 11,630 kg unladen with forks.

Source: supplied Manitou technical sheet. Fitted data plate and applicable load chart govern capacity.

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LIFTING YOUR BUSINESS HIGHER

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MANUFACTURER SPECIFICATIONS / CONFIGURATION REFERENCE

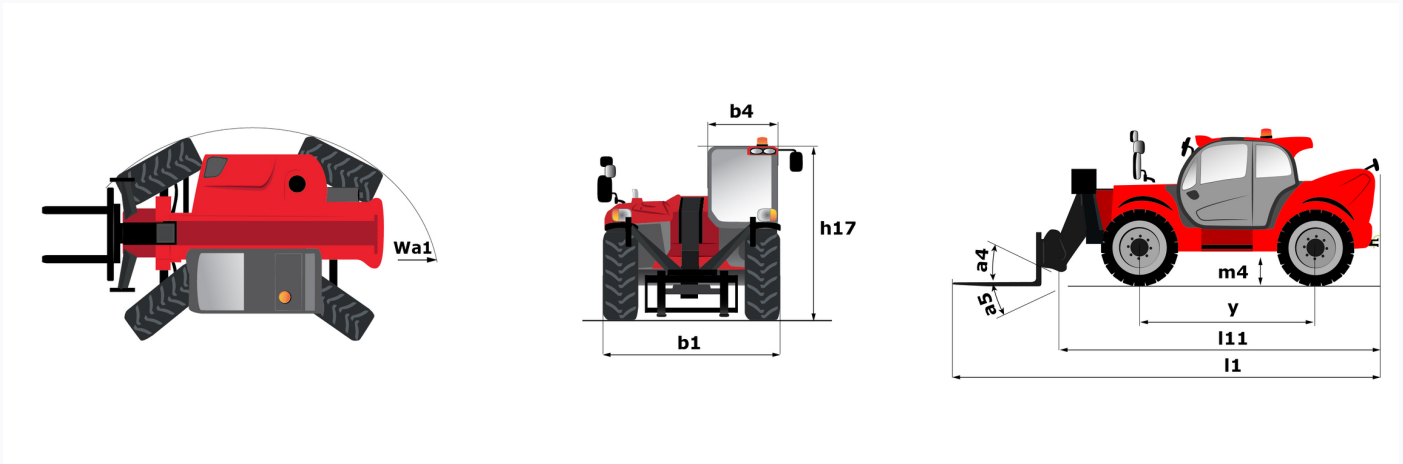
Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		17.55 m
Maximum outreach		13.08 m
Breakout force with bucket		7500 daN
Weight and dimensions		
Overall length to carriage	l11	6.16 m
Length to face of forks	l2	6.27 m
Overall width	b1	2.42 m
Overall height	h17	2.45 m
Wheelbase	y	3.07 m
Ground clearance	m4	0.37 m
Overall cab width	b4	0.89 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	114 °
External turning radius (over tyres)	Wa1	3.94 m
Unladen weight (with forks)		11630 kg
Overall weight		11600 kg
Tires type		Pneumatic
Standard tires		Alliance 400/80 - 24 -162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm x 50 mm
Performances		
Lifting		17.30 s
Lowering		12.70 s
Extension		16.10 s
Retraction		15.60 s
Crowd		5 s
Dump		4 s
Engine		
Engine brand		Perkins
Engine norm		Stage IIIA
Engine model		1104D-44TA
Number of cylinders / Capacity of cylinders		4 - 4400 cm³
I.C. Engine power rating - Power		101 Hp / 74.50 kW
Max. torque / Engine rotation		400 Nm @ 1400 rpm
Drawbar pull (Laden)		10000 daN
Transmission		
Transmission type		Torque converter
Number of gears (forward / reverse)		4 / 4
Max. travel speed		24.90 km/h
Max. travel speed (may vary according to applicable regulations)		24.90 km/h
Parking brake		Automatic Negative Hand-brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 l/min-270 bar
Tank capacities		
Engine oil		11.40 l
Hydraulic oil		135 l
Hydraulic tank capacity		175 l
Fuel tank		140 l
Noise and vibration		
Noise at driving position (LpA)		82 dB
Noise to environment (LwA)		105 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM

Manufacturer options and charts are reproduced for reference. Confirm the fitted configuration, tyres and attachment.

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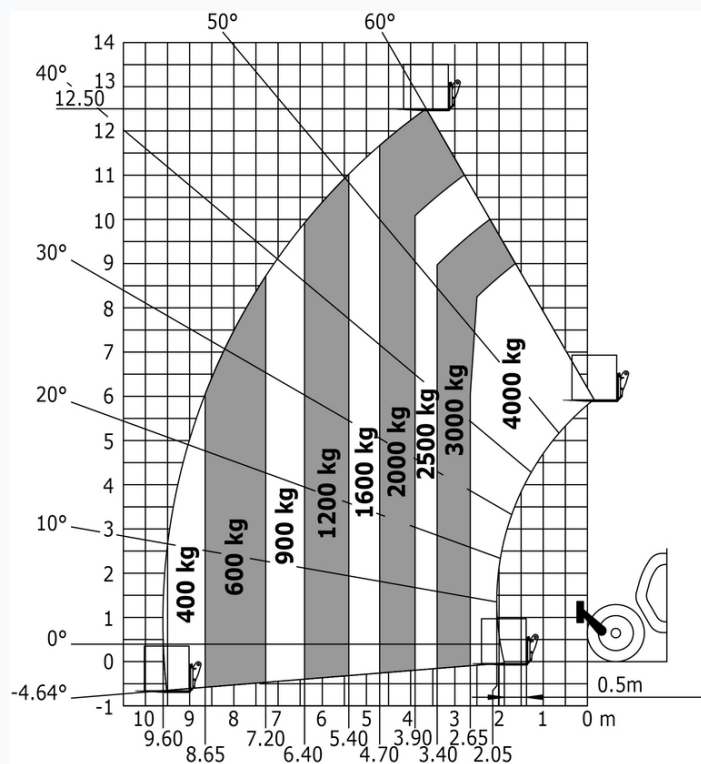
MANUFACTURER SPECIFICATIONS / CONFIGURATION REFERENCE

MT-X 1840 - Dimensional drawing

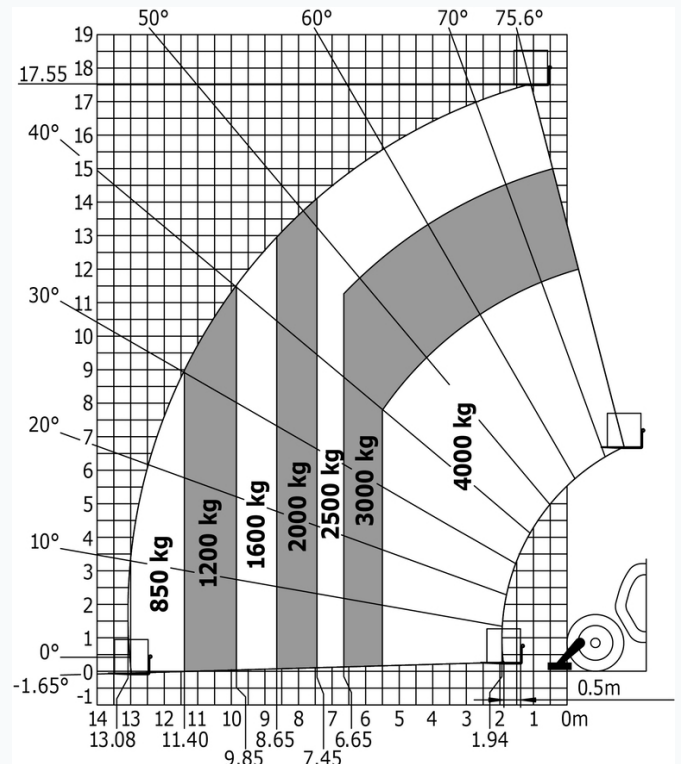


MT-X 1840 - Load chart

Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



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