MT-X1440 / MT-X1840

TELESCOPIC HANDLERS

MANITOU

www.manitou.com

MT-X 1440 / MT-X 1840

2 models, 4 versions to choose from

MT-X **1440**

14 m / 4 T

MT-X **1840**

18 m / 4 T

MANITOU: AT YOUR SIDE ON ANY CONSTRUCTION SITE

When it comes to all-terrain handling, MANITOU has been at your side on **all your construction sites for over 50 years!**

These MT-X 1440/1840 telescopic handlers are **high performers:** they have an excellent working envelope and a lifting **capacity of up to 4 tonnes.**

These handlers offer you unique **adaptability:**

- **Commonality of design** making them easy to use and maintain
- **Wide stabiliser legs** for unparalleled lateral and frontal **stability**
- **A choice of transmission:** torque converter or hydrostatic
- **Efficiency:** change the attachment within seconds

These trucks are true allies in your quest for **productivity** and **simplicity.**

High **performing** MANITOU telescopic handlers allow you to carry out all your construction work **safely** and **efficiently.**

SIMPLICITY

Simplified USAGE and MAINTENANCE

COMMONALITY whatever the model

Spacious and comfortable cabin

Ergonomic dashboard

- All the information you need: direction of travel, wheel alignment, boom angle, fuel level, hour meter etc.
- **Stability indicator** cutting off aggravating movements. You choose between a **handling or suspended load mode** in order to optimise your handling.

JSM® : everything in the palm of your hand

- Attachment function control
- Extension/retraction control for the boom
- Forward/backward/neutral movement selector switch

Work SIMPLY and SAFELY

- Baskets capacity **up to 1000 kg** with **automatic locking of the rear axle.** (MT 14/18 'A' Models only).
- **Automatic Parking Brake** next to the hill start assistance button.
- **EASY CONNECT SYSTEM** allowing the depressurisation of the hydraulic attachment line without turning off the engine.
- Adjustable **continuous flow of hydraulics** to the auxiliary services.
- **Tilt lock** out facility for enhanced safety.
- **Digicode** as standard for security and immobilisation.
- **Radio control** (optional).

IDENTICAL MAINTENANCE whatever the model

- Engine, transmission, hydraulics, cab and chassis. All benefit from the same design.
- Simplified accessibility via **the wide opening of the bonnet:** save time during maintenance.

PANORAMIC CABIN: 360° VISIBILITY

SAFE AND QUICK ACCESS

via a large door
and non-slip steps

Machine MAINTENANCE and DIAGNOSIS

Periodic maintenance and diagnosis display on the **multifunction screen** on the dashboard.

PRODUCTIVITY

PERFORMANCE and ADAPTABILITY

Power 102 HP
STAGE 3A Engine.
Torque 400 Nm.
4 cylinders.
4.4l engine size.

Permanent 4 wheel drive
with **powerful braking** on both axles.

Transmission adapted to your needs
The **torque converter** transmission allows the operator to choose between the **travel speed** on even ground or engine torque for the **engine function** on steeper ground (4-speed gearbox).

Good ground clearance
up to **42** cm

2 lifting heights
14 - 18 m

1 nominal capacity
4 T

Chassis levelling +/- 9°

Good lateral and frontal stability:

The excellent stability allows loads to be easily and safely placed.

Good ground clearance on stabiliser legs:

Whatever the condition of the ground, the levelling of the machine on stabiliser legs is simple.

Turning circle

< 4 m

High tearout force

Three steering modes

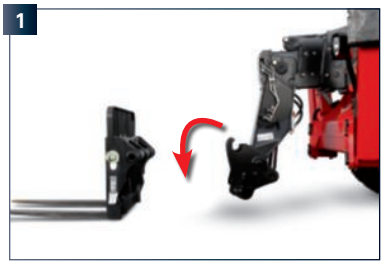
4 wheel drive for short turns in restricted areas

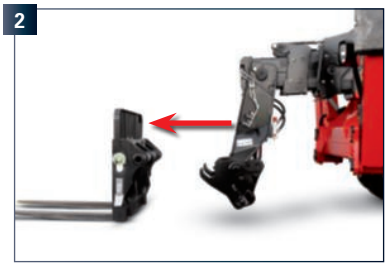
Front wheel drive for road use

Crab steer for sideways approaches

Your MANITOU truck is a real tool box...

Thanks to the MANITOU **attachment system,** you can **easily equip your handler with numerous attachments within seconds:** forks, buckets, mixer buckets, baskets etc.





...for a multitude of applications

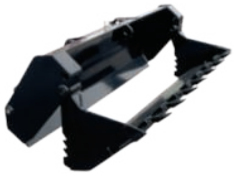
The **adaptable** MANITOU machines **meet all your working needs and optimise work time and productivity:**

- load placement
- distribution of materials on confined construction sites
- loading loose material
- positioning suspended loads
- lifting people

LOAD PLACEMENT

Forks	Hook crane jib	Crane jib	Extendable roof crane jib	Winch

LOADING

Construction bucket	4 in 1 Bucket (MT-X 1440 only)	Handling bucket
		

ACCESS

Fixed basket 365 kg	Extendable basket 1000 kg

OTHERS

Mixer bucket	Skip

APPLICATIONS

APPLICATIONS

MANITOU FINANCE

Tailor-made finance to make the best use of your funds

You can plan the purchase of your forklift with peace of mind by using MANITOU* financing opportunities.

You will have simple solutions adapted to your needs and seasonal requirements. If you want to make a rapid investment, consider asking us for a personalised proposal to take your situation into account.

* MANITOU Finance solutions are available in certain countries.

MANITOU maintenance contract

2 levels of maintenance adapted to your needs. You are sure of:

- equipment always in good working condition
- a reduction of repair costs as a result of regular servicing
- authentic standardised services

- Labour
- Attendance costs

INITIAL SERVICE

- Labour
- Attendance costs
- Parts and lubricants

ADVANCED SERVICE

MANIPLUS extension of guarantee

With **MANIPLUS** you can take out an extension of guarantee of 12 or 24 months.

EASY MANAGER

A simple and flexible system for fleet management (with or without geolocation) to provide optimum service from your machines. EASY MANAGER gives you:

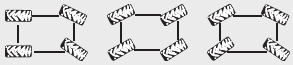
- real-time materials management
- simple and easy way of managing your machinery activity and maintenance.
- maximise your asset and safeguard your equipment

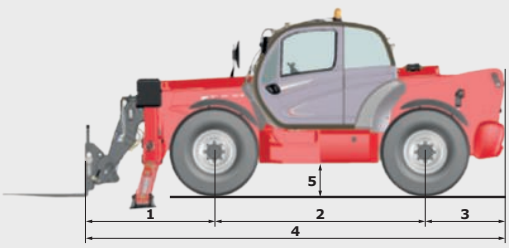
Easy MANAGER

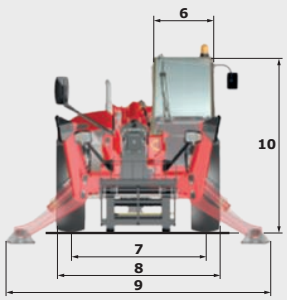
MANITOU spare parts

Utilising genuine MANITOU spare parts is sure to prolong the best performance capability of your machine.
Your MANITOU dealer has access to a stock of 70,000 part numbers, available in 24 hours in Europe (48 hours outside Europe).

MT-X1440

	MT-X 1440	MT-X 1440 A
Lifting		
Max. capacity	4000 kg	
Max. lifting height	13.53 m	
Max. outreach	9.46 m	
Break-out force with bucket	8000 daN	8800 daN
Unladen time		
Lifting	15.5 secs	15.7 secs
Lowering	11.6 secs	13.3 secs
Extension	16.5 secs	19.2 secs
Retraction	11.9 secs	14.8 secs
Crowd	4 secs	
Dump	4 secs	
Tyres	400/80-24	
Braking		
Service brake	oil immersed multi-disc braking on front/rear axles	
Parking brake	automatic negative handbrake	
Engine	PERKINS - STAGE 3A	
Type	1104D-44TA	
Cubic capacity	4400 cm^3	
Power	101 HP/74.5 kW	
Max. torque	400 Nm - 1400 rpm	
Injection	direct	
Cooling	water	
Laden drawbar pull	8250 daN	
Transmission	torque converter	
Reversing shift	electrohydraulic control	
Number of gears (forward/reverse)	4/4	
Max. travel speed (may vary according to applicable regulations)	25 kph or 35 kph	
Steering mode	4 wheel steer - 3 steering modes 	
Controls	JSM® Joystick multi - function load limiter cut off system - EN15000 norm	
Hydraulics		
Pump	gear type with flow splitter - 170 l/min - 270 bar	
Capacities		
Hydraulic oil	175 l	
Fuel	140 l	
Unladen weight (with forks)	11115 kg	11755 kg
Dimensions		
1. Front wheel centre to carriage	1.90 m	
2. Wheelbase	3.07 m	
3. Rear wheel centre to rear face	1.16 m	
4. Overall length to carriage	6.13 m	
5. Ground clearance	0.37 m	
6. Overall width of cab	0.89 m	
7. Inside tyre width	1.96 m	
8. Overall width	2.35 m	
9. Overall width (stabilizers lowered)	3.79 m	
10. Overall height	2.45 m	
Standard forks (length x width x thickness)	1200 x 125 x 50 mm	
Turning radius (over tyres)	3.97 m	
Frame levelling	+/- 9°	
Carriage rotation (crowd/dump)	12°/114°	
Noise and vibration		
Noise at driving position (LpA)	82 dB	
Environmental noise (LwA)	106 dB	
Vibration to whole hand/arm	<2.5 m/s^2	

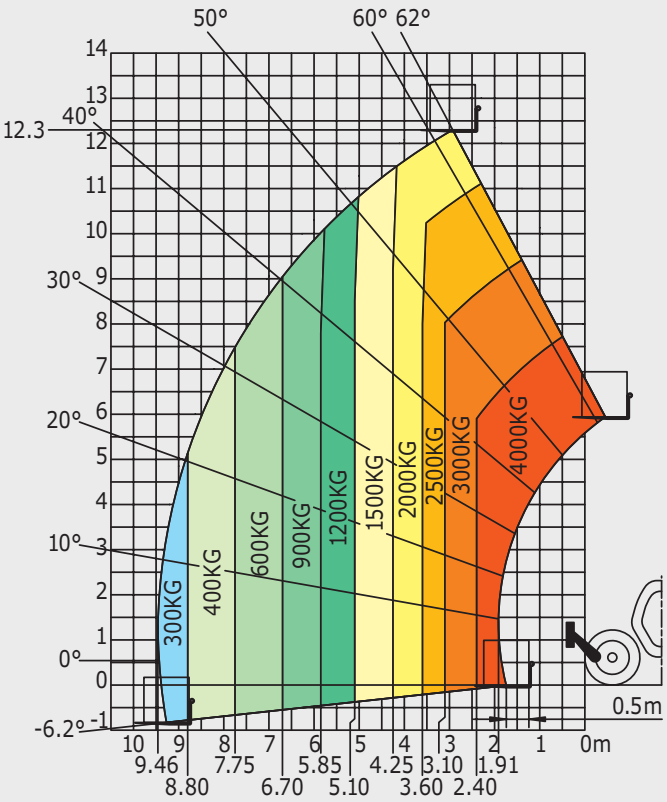




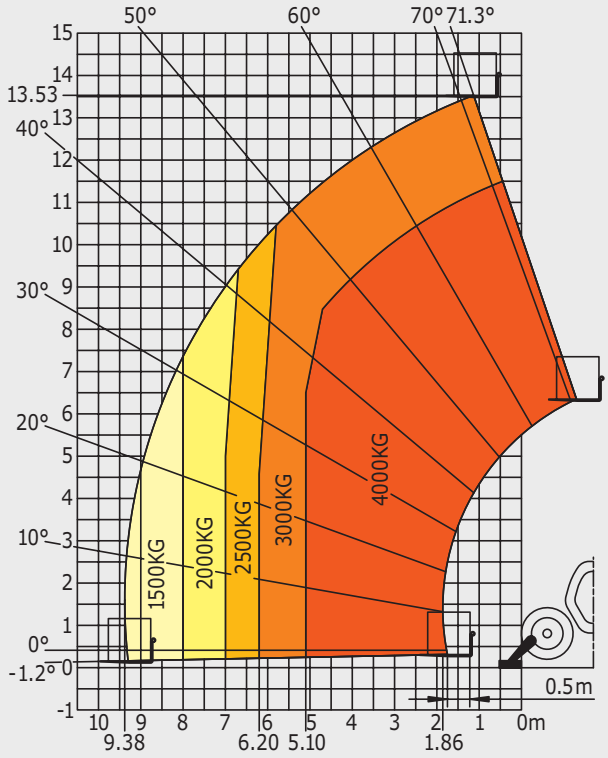
MT-X1440

Rough terrain load chart
standard EN1459 B

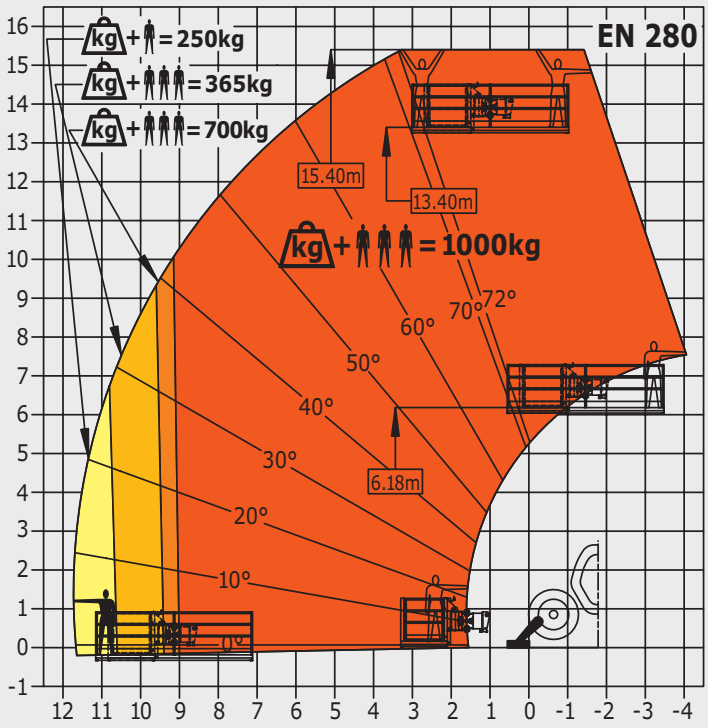
Machine on tyres with forks



Machine on stabilizers with forks



Machine on stabilizers with platform
(MT-X 1440 A versions)



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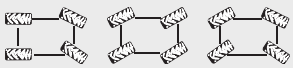
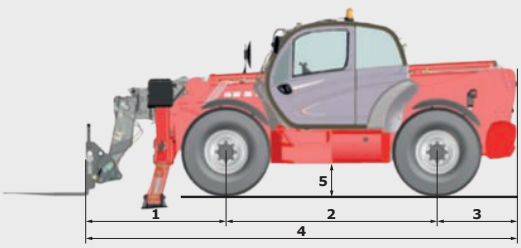
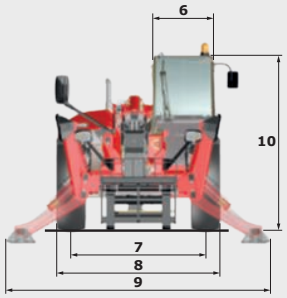
MT-X1840

	MT-X 1840	MT-X 1840 A
Lifting		
Max. capacity	4000 kg	
Max. lifting height	17.55 m	
Max. outreach	13.08 m	
Break-out force with bucket	7500 daN	8400 daN
Unladen time		
Lifting	17.3 secs	18.0 secs
Lowering	12.7 secs	14.4 secs
Extension	16.1 secs	17.9 secs
Retraction	15.6 secs	16.5 secs
Crowd	5 secs	
Dump	4 secs	
Tyres	440/80-24	
Braking		
Service brake	oil immersed multi-disc braking on front/rear axles	
Parking brake	automatic negative handbrake	
Engine	PERKINS - STAGE 3A	
Type	1104D-44TA	
Cubic capacity	4400 cm^3	
Power	101 HP/74.5 kW	
Max. torque	400 Nm - 1400 rpm	
Injection	direct	
Cooling	water	
Laden drawbar pull	10000 daN	
Transmission	torque converter	
Reversing shift	electrohydraulic control	
Number of gears (forward/reverse)	4/4	
Max. travel speed (may vary according to applicable regulations)	25 kph or 35 kph	
Steering mode	4 wheel steer - 3 steering modes 	
Controls	JSM® Joystick multi - function load limiter cut off system - EN15000 Norm	
Hydraulics		
Pump	gear type with flow splitter - 170 l/min - 270 bar	
Capacities		
Hydraulic oil	175 l	
Fuel	140 l	
Unladen weight (with forks)	11600 kg	12560 kg
Dimensions		
1. Front wheel centre to carriage	2.04 m	
2. Wheelbase	3.07 m	
3. Rear wheel centre to rear face	1.16 m	
4. Overall length to carriage	6.27 m	
5. Ground clearance	0.42 m	
6. Overall width of cab	0.89 m	
7. Inside tyre width	1.96 m	
8. Overall width	2.42 m	
9. Overall width (stabilizers lowered)	3.79 m	
10. Overall height	2.45 m	
Standard forks (length x width x thickness)	1200 x 125 x 50 mm	
Turning radius (over tyres)	4.01 m	
Frame levelling	+/- 9°	
Carriage rotation (crowd/dump)	12°/114°	
Noise and vibration		
Noise at driving position (LpA)	82 dB	
Environmental noise (LwA)	106 dB	
Vibration to whole hand/arm	<2.5 m/s^2	



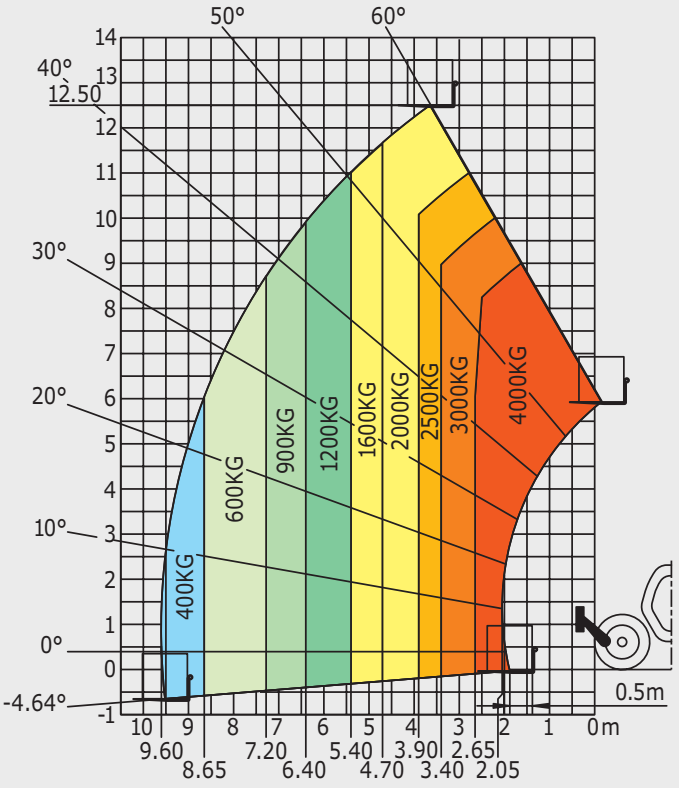


MT-X1840

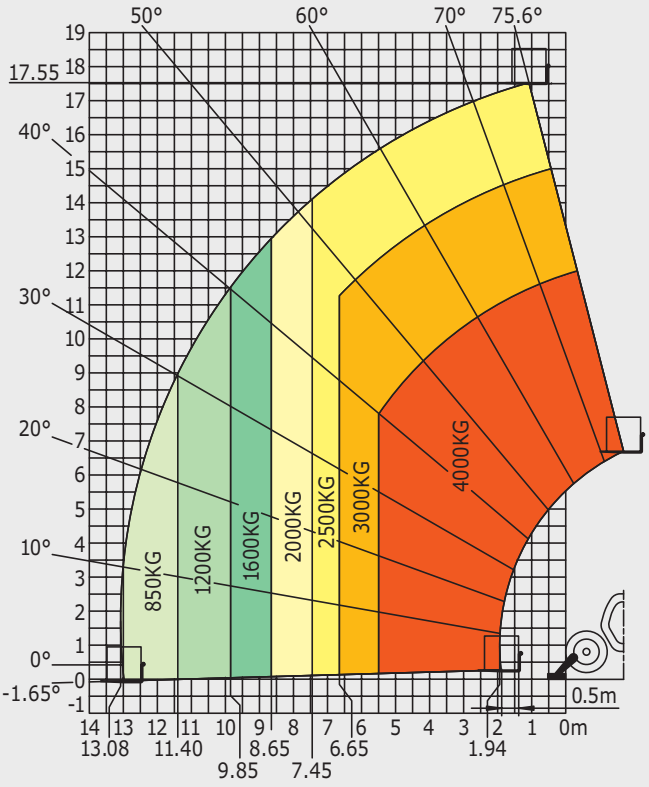
Rough Terrain Load Chart

standard EN1459 B

Machine on tyres with forks

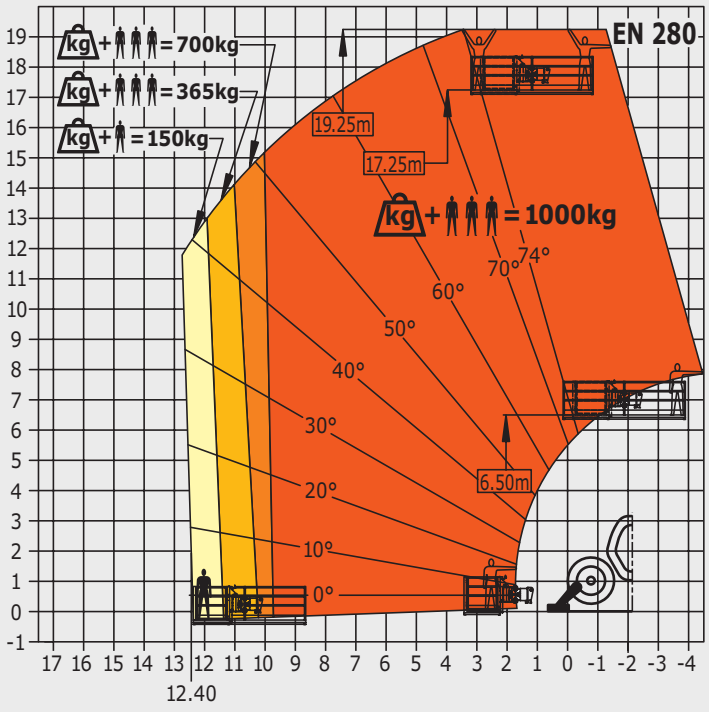


Machine on stabilizers with forks



Machine on stabilizers with platform

(MT-X 1840 A versions)



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