

RANGE
MRT-X
VISION



Experience your new
MRT-X in augmented reality with
your smartphone.

 **MANITOU**
HANDLING YOUR WORLD

Operator comfort

You will never want to leave the cab of your MRT VISION !

- **Quick to get started**

Large, intuitive 8" touchscreen, which can also be used via the armrest mounted navigation dial. Also works with gloves !

- **Dynamic load charts on the screen**

Real-time monitoring of load position. On-board diagnostic system.

New remote control

The remote control with integrated display allows precise control of your load. You always have an optimal view of the environment and the load to be handled !

- **Exceptional visibility**

Exceptional visibility thanks to the new panoramic cab design.

- **Pressurised cab**

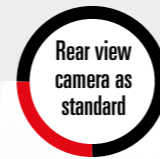
Guarantees a healthy working environment and additional sound insulation.

- **Choose your environment**

Position the new interchangeable "DSB" buttons in the desired position on the 2 integrated armrests.

- **Electrically adjustable rear view mirrors** (optional)

A great comfort that allows you to enjoy optimal visibility at all times.



Secure the operators and their environment

Manitou is committed to designing machines that provide optimum safety for users.

- **An intelligent and secure machine**

Dual "capacitive" joysticks with integrated detection sensors to secure movement and limit risk.

- **State of charge monitor (CEC)**

Continuously analyzes the position of the load in the space and the working configuration of the machine. The system restricts the working area according to the attachment and the load handled.

- **Locking of hydraulic functions**

Tilt lock for safe handling and all hydraulic functions, including stabilisers.

- **Automatic parking brake**

The standard automatic parking brake ensures safe manoeuvring on all terrains.

- **Determine your working area**

You can determine the maximum working height and you can see on the screen all the data of the machine concerning its stability and safety.



Discover the new cab

Simply scan the QR code with your smartphone !

Simplified use sheet Handling videos

Reduce Risks helps you to use your machines safely



Manitou is committed to reducing your total cost of ownership (TCO)

Throughout the project, we take your total cost of ownership into account in order to develop high-performance, robust and cost-optimised machines.

- **Reduced consumption and noise on site**

Reduced cabin noise and fuel consumption with the new Stage 3A engine. Significant environmental impact.

- **Easy maintenance**

Simplified access to maintenance components for reduced service time.

- **Optimised resale value**

The MRT range brings you high resale value thanks to its performance, quality and long life of its components.

- **Easy access to the main engine components**

The engines of our machines are mounted on the right hand side with a full opening engine bonnet giving you access to all components.

- **LED working and road lights**

All lighting is LED to increase brightness and reduce power consumption.

ECO-STOP

The optional ECOSTOP system limits engine use and therefore wear and fuel consumption. The hour meter is based on actual working hours.

Connected solution

Monitor the position of your machine 24 hours a day in real time and optimise its operational follow-up.

- **View in real time**

Manage your fleet remotely and benefit from a wealth of information about your machines accessible on your computer, tablet or smartphone.

- **Anticipate maintenance**

Save time : share your alerts directly with the technician to anticipate parts and reduce response time.

- **Analyse performance**

View the performance of your machines in a graphical format that is easy to follow and interpret.



Protect your equipment and control access

As an option, you can manage driving authorisations and control operator access to your machines. You ensure their safety in and around the machine.

Working height :
from 16 to 25 m

Maximum capacity :
4500 kg

Working reach up to :
19,4 m

3 steering
modes



Alignment
automatic
 wheels

HYDRAULIC SPEED

You can set the maximum speeds for all hydraulic movements of the machine.



Easy stabilisation
 Automatic stabiliser movements and automatic levelling.

Maximum productivity
 thanks to the new hydraulic system and the Load Sensing pump.



High strength frame structure
 The MRT VISION-X chassis is the backbone of your machine, ensuring that it remains rigid in any position.

Hydrostatic transmission
 The hydrostatic transmission ensures flexibility and ease of use. Coupled with a two-speed gearbox, it allows you to adapt the travel speed to the traction effort. It allows precise and progressive handling of your loads.



New mini-joystick for easy and precise control of stabiliser movements



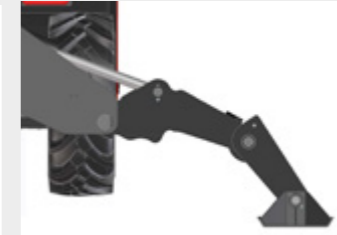
The cab with Easy Step and the large handles make getting in and out even easier



Stabilizers



Simple
 MRT-X 1645 and 1845



Spider
 MRT-X 2145 and 2545

Rapid deployment of stabilisers

Equipped on all models, it will allow you to reduce stabilisation time thus increasing productivity.

Integration with the design

The folded skids automatically fit into the machine's frame. No loss of ground clearance. The cylinders are perfectly protected.

Working power and precision

Your MRT-X VISION telescopic handler is equipped with a 116 hp Deutz engine and will allow you to move your machine quickly between jobs, regardless of the working conditions. The hydrostatic transmission, chassis and engine power give the machine the performance and precision needed to work on all types of terrain.

Did you know ?

VISION MRTs are equipped with the new engine heat system, reducing cabin noise.



3 in 1

One machine for 3 modes : telescopic / basket / suspended loads

Manitou telescopic handlers are true tool carriers on which you can quickly and easily attach the Manitou-approved accessory specifically adapted to your application.

Fork carriages

Tilting fork carriage using ISO forks or floating fork carriage for handling palletised loads on uneven ground.



Jib with Winch

Gain more outreach while turning your MRT into a mobile crane with this extension jib with a hydraulic winch. Direct hook mounting for more speed.



Basket

Open/close in less than 50s. (up to 1000 kg, three people). Easy access with three entry points.



Jib

The indispensable tool for suspended load placement.



Hydraulic winch

Significantly increases suspended load applications. Moulded hook for greater stability. Capacity from 3 to 5t.



Aerial JIB 2

360 rotating & telescopic lifting solution allows work in positive (+9.3m) as well as in negative (-6.4m) with a 200kg capacity including 2 people.

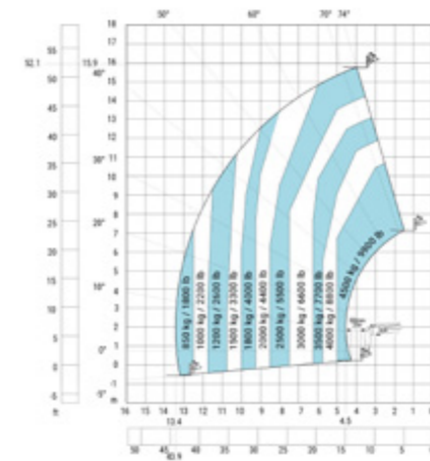


The MRT-X range is equipped as standard with the **E-RECO** attachment recognition system. It detects and analyses the attachment in place to propose the **corresponding work envelope** and thus help you optimise the machine's working parameters.

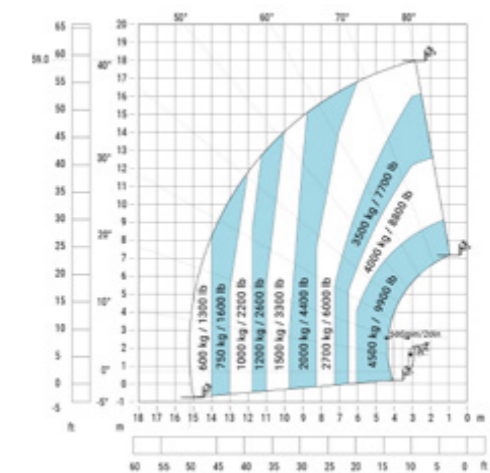


	MRT-X 1645	MRT-X 1845	MRT-X 2145	MRT-X 2545
Max. capacity	4500 kg	4500 kg	4500 kg	4500 kg
Max. lifting height	15.9 m	18 m	20.6 m	24.6 m
Max. Reach	13.4 m	15.2 m	17.9 m	19.4 m
Engine norm	Deutz Stage 3A	Deutz Stage 3A	Deutz Stage 3A	Deutz Stage 3A
I.C. Engine power rating (ch)	116 hp / 85 Kw	116 hp / 85 Kw	116 hp / 85 kW	116 hp / 85 kW
Overall width	2.45 m	2.45 m	2.5 m	2.5 m
Overall height	3.04 m	3.04 m	3.04 m	3.04 m
Length to face of forks	6.38 m	6.06 m	6.73 m	7.72 m
Outer turning radius	3.60 m	3.60 m	4.13 m	4.13 m
Ground clearance	0.37 m	0.37 m	0.37 m	0.37 m
Overall weight	13305	14100	14900	15910

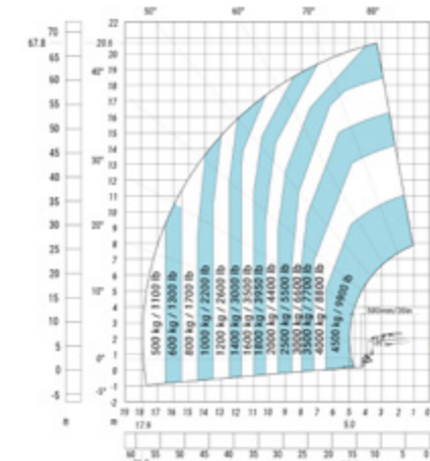
MRT-X 1645



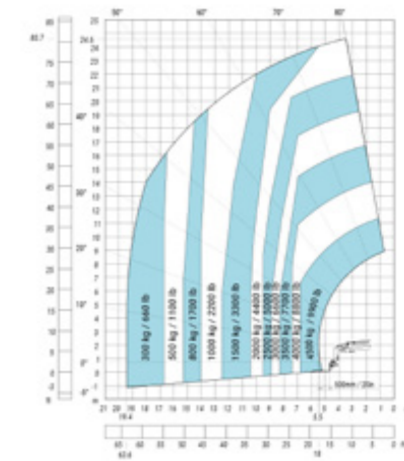
MRT-X 1845



MRT-X 2145



MRT-X 2545



A tailor-made solution adapted to your needs

Discover a wide range of options. To access all the options, ask your Manitou contact.

Boom suspension

The system absorbs involuntary movements of the boom while driving, improving driving comfort.

Cameras, boom head and side,

are available to secure your manoeuvres on construction sites.

Heated seat and carpet

for working in difficult situations.

Air conditioning with automatic control

Select your ideal temperature and the air conditioning does the rest.



As a fleet manager, we measure precisely the TCO and profitability of our equipment. We look for machines that are versatile and safe, and that meet the space constraints of the construction sector.

Your dealer



Scan and discover
more information
on **manitou.com**



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