

MRT 2150-2550 PRIVILEGE +

Rotatif **telehandler**



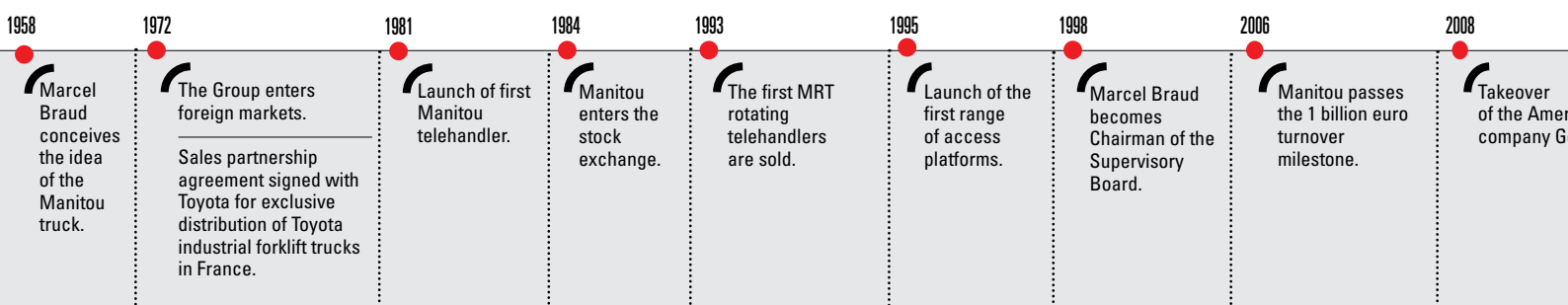
Handling your world

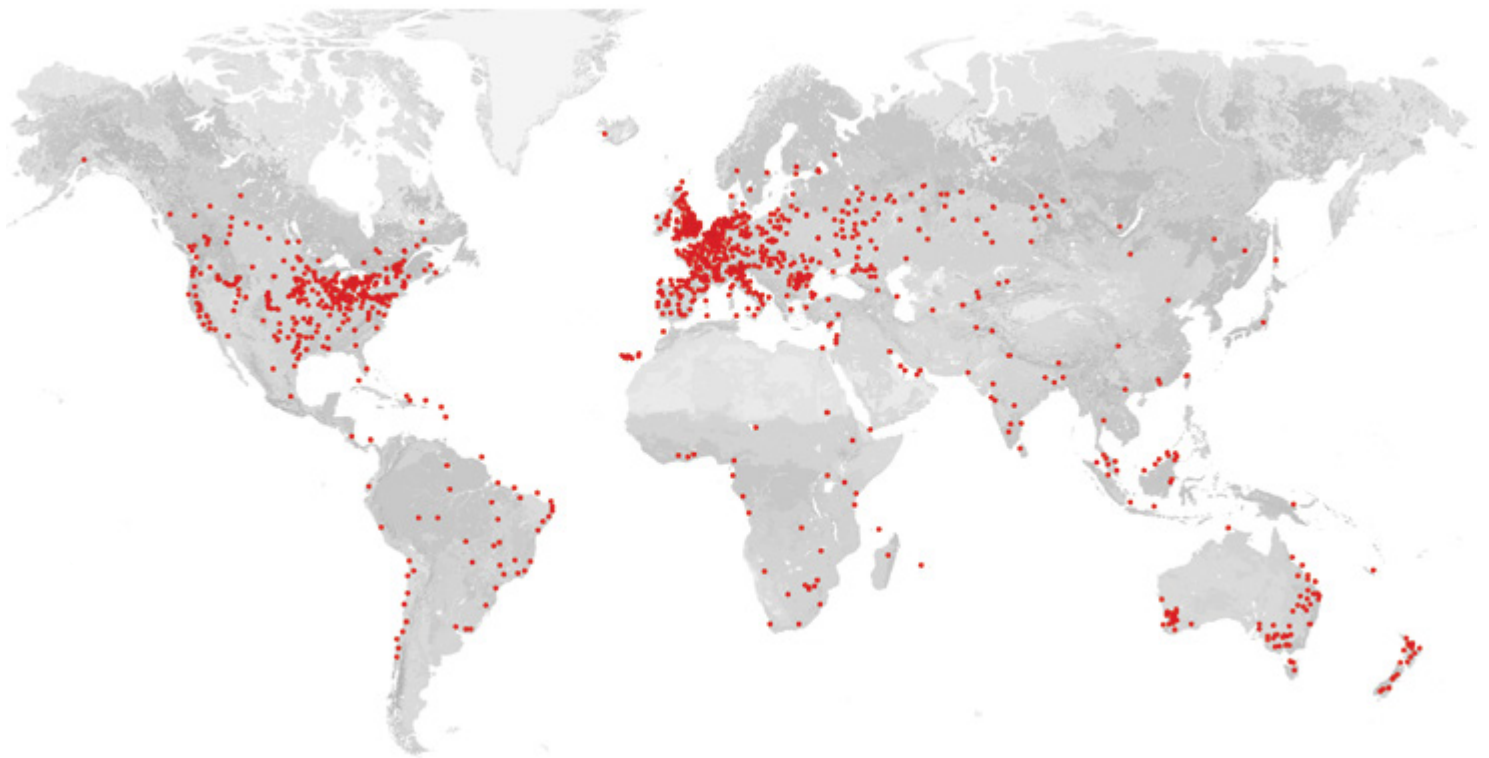
Founded over 60 years ago by the Braud family, the Manitou Group now operates worldwide. A world leader in all-terrain material handling, the Group designs, manufactures, distributes and services equipment for construction, agriculture and industries.

The Group's product ranges include, all-terrain fixed, rotating and heavy-load telehandlers; all-terrain, semi-industrial and industrial masted forklift trucks; wheel or track skid-steer loaders; access platforms; truck-mounted forklifts; warehousing equipment; and attachments.

Through its iconic brands – Manitou, Gehl and Mustang – and its worldwide network of 1,400 dealers, the Group offers the best solutions to create optimum value for its customers.

With headquarters in France, the Group recorded turnover of 1,335 billion euros in 140 countries in 2016, and employs 3300 people, all strongly focused on customer satisfaction.





3 brands

distributed by
1,400 dealers
in 140 countries

- 21 subsidiaries
- 10 production facilities
- 3,300 employees worldwide
- 65% of the share capital held by the founding families
- 80% of revenue comes from foreign markets
- 1,335 billion euros of turnover in 2016

 **MANITOU** | **GEHL** | **MUSTANG**

2009

ican
ehl.

Change of
management
and a return
to a Board
of Directors.

2010

Launch of Gehl
and Mustang
articulated
loaders.

2012

Crossover
agreement
signed with
Yanmar for the
manufacture and
distribution of
mini-excavators.

2013

Consolidation
of the Yanmar
partnerships
as Yanmar
becomes a Group
shareholder
with 6.26%
of the capital.

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of the capital.

2014

January: Michel
Denis is appointed
President and CEO.
April: A new
roadmap is drawn
up focusing on the
three divisions,
including one for
services.

2015

Manitou
sells its
500,000th
machine
worldwide.

500,000

2016

Launch of the
new MLT range,
NewAg.

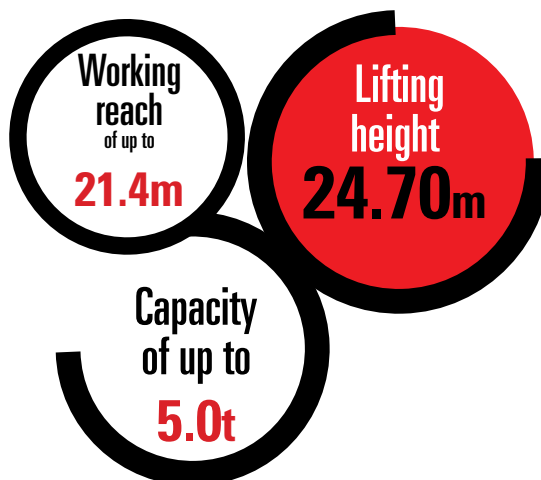
NewAg

THE NEW ROTATORS DESIGNED FOR YOUR SITE

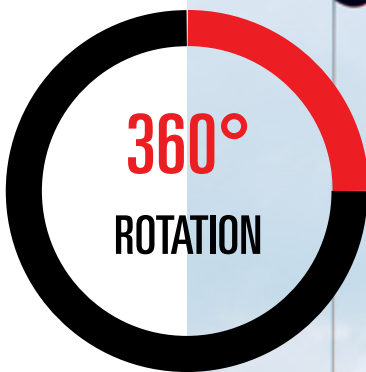
The MRT 2150 and 2550 are telehandlers from the MANITOU Privilege + rotating range. All controls are intuitive and easy to use, allowing you to work quickly and effectively on your sites.

Drive your machine safely regardless of the site's layout.





		MRT 2150 P+	MRT 2550 P+
Max. capacity	kg	4 999	4 999
Max. lifting height	m	20.60	24.70
Max. outreach	m	17.90	21.40
Laden drawbar pull	daN	7900	7900
Maximum slope accessible	%	40	40
Hydraulic pump	l/min-bar	115-275	115-275
Total width	m	2.49	2.49
Total width with stab. lowered	m	5.55	5.55
Total height	m	3.05	3.05
Total length of the forks carriage	m	6.87	7.84
Turning radius (outer wheels)	m	4.88	4.88
Ground clearance	m	0.38	0.38
Unladen weight (with forks)	kg	17930	18900
Hydraulic oil	l	225	225
Fuel	l	305	305
Safety		Load moment indicator	Load moment indicator



Perfect for the various construction sectors.

MANITOU **rotating telehandlers** are effective tool-carriers which can easily be fitted with the attachment specifically adapted to your application.

To cater your needs and activities, we can provide you with a range of attachments validated by Manitou and specially adapted to your machines.





A multi-purpose **machine**

The MRT concept can be used on tyres or stabilisers and combines the capabilities of **3 machines in 1**:

- **Telehandler**
- **Crane**
- **Platform**

The machine is fitted with four drive and steering wheels, allowing it to work in continuous rotation on the most demanding sites.

Continuous rotation makes your machine more efficient and reduces manoeuvre times.

Regardless of the attachments used, the MRT Privilege + demonstrates excellent manoeuvrability and remains completely stable on the ground.

A full range of **attachments**

The MRT Privilege + range is **equipped as standard with an E-RECO attachment recognition system**. It detects and analyses the attachment to propose **the corresponding working range and optimise the machine's working parameters**.

With the various working modes, your site constraints are no longer an obstacle.

E-RECO
RECOGNITION CONTROL



The MRT Privilege+ allows for precise control of your load, transport and lifting of heavy and bulky loads and efficient loading and distribution. Achieve peak operational performance in minimal time from a fixed point.





High-performance machines for all situations

Whether it is the engine, boom, stabilisers or transmission, everything on the MRT Privilege+ is designed to boost speed and efficiency on all types of terrain.



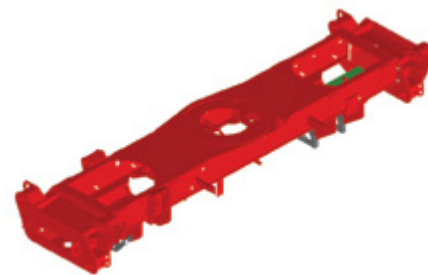
**POWER
&
ROBUSTNESS**



Hydrostatic transmission

The hydrostatic transmission **permits all-terrain use** and versatility during approach or placement manoeuvres.

The axles with integrated disc brakes and epicyclic reduction gears provide all the necessary power for the transmission.



High-resistance chassis structure

Tubular chassis offering excellent rigidity in all positions.

It acts like the machine's 'spinal cord', keeping all the lower structural components in place.



Working power and precision

Your MRT Privilege + telehandler is equipped with a **156 ch Mercedes engine** in line with Stage 4 / Final Tier 4 standards.

The chassis side engine cover offers a comfortable working space with easy access for servicing and maintenance purposes.



Quick extension of the **stabilisers**

- Quick lowering of the stabilisers.
- The MRT Privilege stabilisers are long and boost load chart capacity.
- Control the lowered length directly on the dashboard.
- The load chart adapts in proportion to the lowered length of the stabilisers.



Saves time and increases productivity

Standard stabilisers: 35 x 35 cm.
Optional 60 x 60cm stabiliser composite pads provide 3.5 kg / cm² of ground pressure.
You can move the machine without withdrawing the stabilisers.



Pentagonal boom for greater robustness

The pentagonal boom offers greater precision and robustness.

The load moment indicator sensors are located at the rear of the boom and completely protected in the event of falling objects.



Lowered boom position for greater safety

The position of the lowered boom has been altered to ensure better visibility on the right side of the machine.

This allows the operator to drive the machine safely and more easily on the site.

COMFORT,
ERGONOMICS
AND SAFETY



Spacious and ergonomic cabin
Everything is designed with your
comfort and safety in mind

The MRT Privilege + cabin offers a comfortable
and safe driver's cab.





- **The MRT Privilege + cabin is ROPS/FOPS Level 2 certified.** It is resistant to reversals and heavy falling objects. You will be protected at all times while using the machine.
- **The steps to the cabin are wide and aligned with access to the cabin.**
The steps are evenly spaced.
- All controls **are visible and within reach.**
- **The attachment and load are completely visible,** including through the protective roof. The electric tilting seat (optional) offers greater comfort when the boom is in the raised position.
- With no bar and a rounded windscreen, the machine guarantees panoramic views over the upper section.



Intuitive handling and easier driving

The cabin contains two easy-to-use joysticks **to simultaneously control** all machine movements including transmission with the integrated FNR (front/neutral/rear) on the right-hand joystick.

Each joystick comes with an acceptance button. All movements are completely under control.



- Telescope extension
- Turret rotation
- Attachment controls



- Lifting of the load
- Fork angling
- Reversing shift



Easy-to-use controls



Radio control

All the functions of the boom and its attachments **can be guided by the radio control** on the ground. The box is also used to control the work platforms.

Dashboard **All machine** **functions** **are centralised**

All machine functions **are centralised on the dashboard** for simple and efficient use. All controls and menus **are illustrated by icons** to make it easier to remember their function and sequence.

The seven-inch TFT screen is positioned to the right to make it easier to read the information in the driver's cab. The screen is intuitive with just a few easy-to-remember menus.



Stay connected with a phone holder and USB socket.



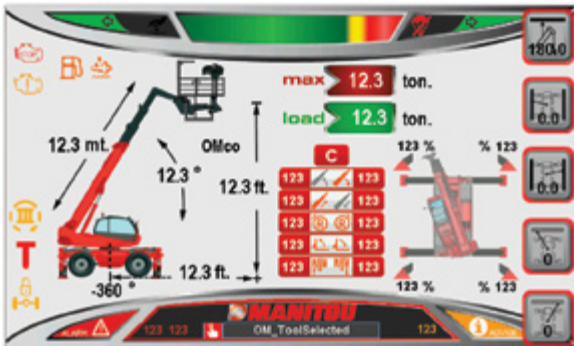
Dashboard screens



Driving

All information on road and site driving is available in one place.

- Travel speed.
- D.E.F (Diesel Exhaust Fluid) and fuel level.
- Steering system.
- General engine information.



Work

All machine data on stability and safety is displayed on this screen.

- Stabiliser information (lowered lengths).
- Load positioning and stability.
- Reminder of machine slowdown settings.

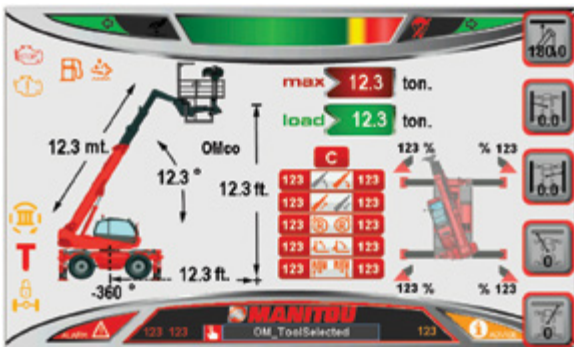
You can also restrict the work areas.



Speed

You can configure the maximum speeds for all machine movements.

- Four stored settings available.
- Independent settings for each movement.
- Option to amend the settings while the machine is in use.



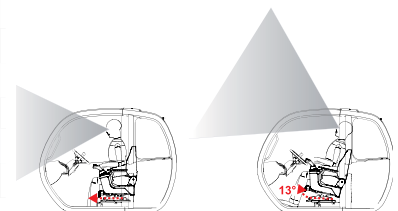
Additional information

All screens will display stability data (upper section) as well as error codes and alarms (lower section).

STANDARD EQUIPMENT & OPTIONS

For MRT2150 P+ / MRT 2550 P+

	Standard	Option
General		
Battery cut-off	0	
24 V start-up platform	0	
Internal rear-view mirror	0	
Electric window	0	
Roof screen wiper	0	
Automatic levelling	0	
Restriction of work areas	0	
Reduction in movement speeds	0	
Extra pads (60 x 60)		0
Platform predisposition and radio-control		0
Comfort		
Fabric seat	0	
Air-conditioning		0
Pneumatic fabric seat		0
Heated pneumatic fabric seat		0
Tilting seat		0
MP3 car radio		0
Bluetooth radio		0
Hydraulics		
Attachment line	0	
Return to tank	0	
Dual function on boom head		0
Triple function on boom head		0
Lock attachment		0
Forced march		0
Boom suspension		0
Electricity / Security		
E-Reco	0	
Reverse alarm	0	
Front work lights		0
Rear work lights		0
Work lights on the boom		0
Camera on the boom head		0
Side camera		0
Rear camera		0
Bi-energy		0







A complete range of tools adapted to the construction world

Manitou telehandlers are effective tool carriers where you can easily attach the specific attachment required. To cater to your needs and activities, we propose a range of Manitou-approved attachments fully compatible with our machines.

Simple and rapid coupling

To save you time, the coupling system for Manitou attachments (TS: simple fork carriage with manual or hydraulic locking), is reliable, quick and easy to use.

You can attach and detach your attachments easily.



CBR re-handling bucket

Perfect for handling sand, earth or gravel, the CBR bucket can handle material with a density less than or equal to 2100 kg/cm³.



PFB Forks

Tilting fork carriage using ISO forks. Optional backrest and side shift available.



PSE 4400 platform

Fast opening platform: **opens/closes in less than 50 seconds**. Guaranteed safety and maximum efficiency for all your work at height (up to 1000 kg, including three people). Easy access with three entry points (rail or door depending on the model).



Platform Winch

For panel installation and maintenance of industrial facilities, the platform winch ensures safe elevation of personnel **and also allows suspended loads to be lifted and handled directly from the platform without returning to the ground**. Capacity on winch up to 450 kg, including a maximum of three people.



360° rotating carriage

Continuous rotation carriage for incomparable flexibility.

Constant communication with the machine ensures optimum safety and capacity (4000 kg in the front-facing position and 2500 kg when rotating >15°).



Hydraulic winch

This winch **transforms your MRT into a genuine mobile crane**, increasing its profitability. The hook block assembly offers greater stability. 3 to 5t capacities available.



Aerial jib 2

Personnel elevation solution suitable for work at heights (+9.3m) and depths (-6.4m). **360° arm rotation.** 200 kg capacity, including two people.



P Jib

Tubular extension jib, **offering the perfect compromise between front outreach and lightness.** This is the essential tool for placing suspended loads. 1500 kg capacity with outreach of 3m (600 to 2000 kg capacities available in the offer).



PT extension jib with winch

Extend your outreach while transforming your MRT into a mobile crane with this extension jib with hydraulic winch. **The direct hook assembly offers greater speed** (600 to 2000 kg capacity and hook block versions available). Hook capacity: 1500 kg.



3D platform

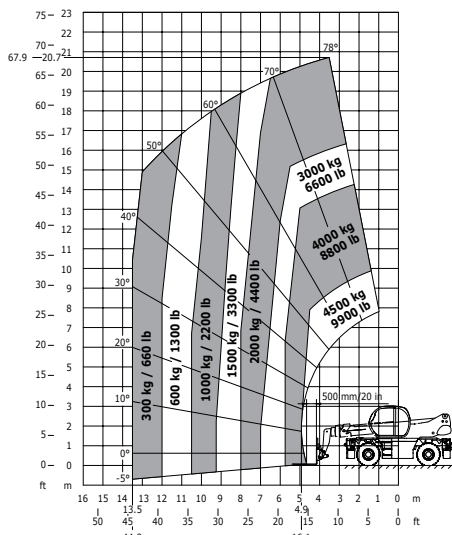
Personnel elevation solution suitable for work at heights (+11.6m) and depths (-10.4m) **and for performing inspections under bridges using the principal telescopic vertical component, 360° rotation of the secondary arm and a pendular basket.** 200 kg capacity, including two people.



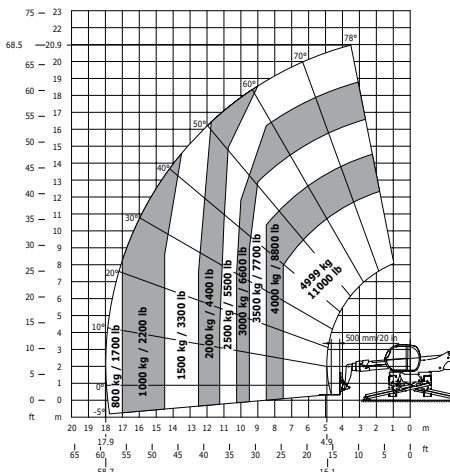
MRT 2150 PRIVILEGE +

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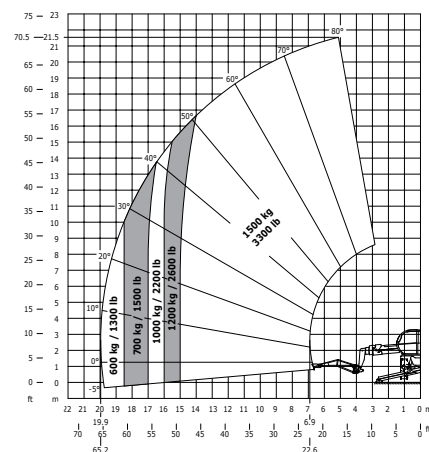
Front loader on tyres
with forks
EN 1459



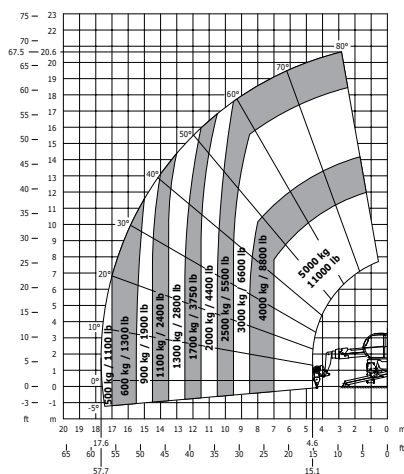
Rotation on lowered stabilisers
with forks



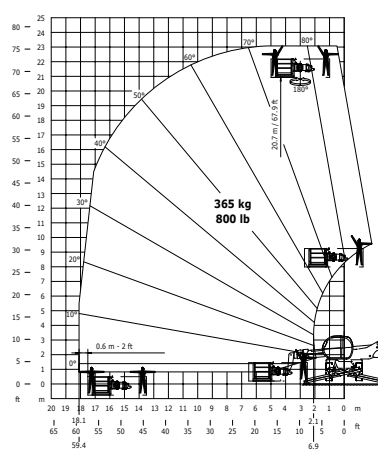
Rotation on lowered stabilisers
with 1500 kg jib
EN 1459



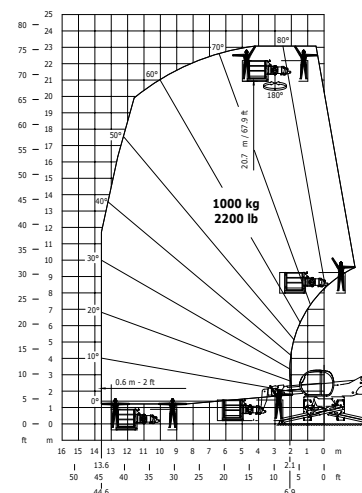
Rotation on lowered stabilisers
with 5000 kg winch
EN 1459



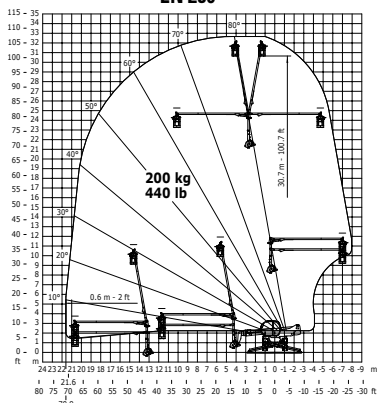
Rotation on lowered stabilisers
with 365 kg platform
EN 280



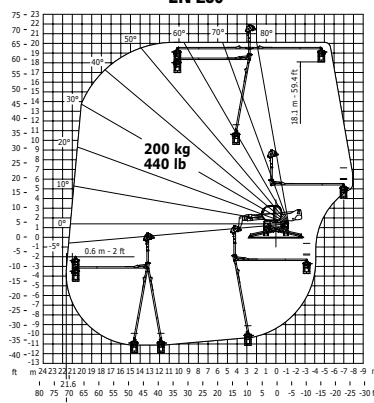
Rotation on lowered stabilisers
with 1000 kg platform
EN 280



Rotation on lowered stabilisers
Positive 3D platform
EN 280



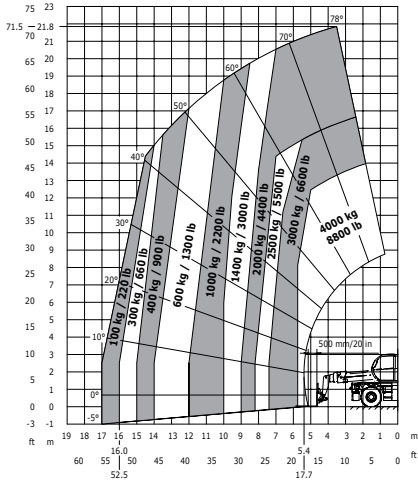
Rotation on lowered stabilisers
Negative 3D platform
EN 280



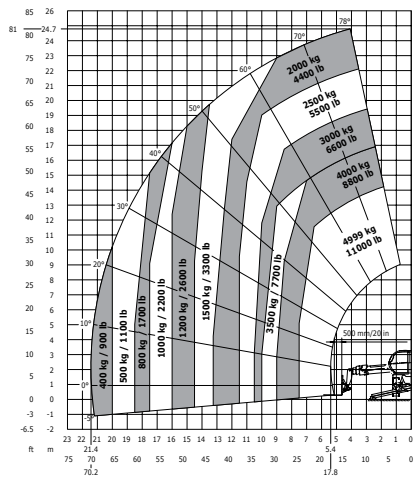
MRT 2550 PRIVILEGE +



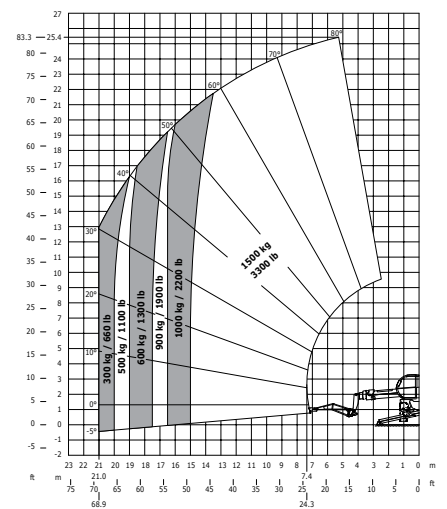
Front loader on tyres
with forks
EN 1459



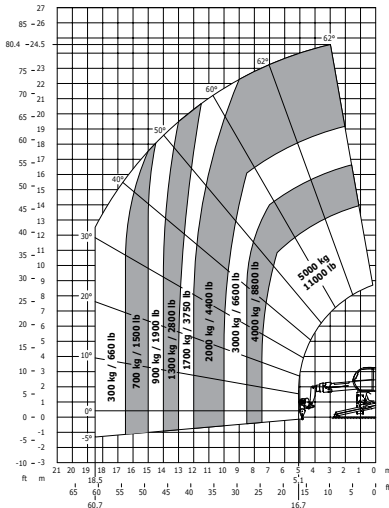
Rotation on lowered stabilisers
with forks
EN 1459



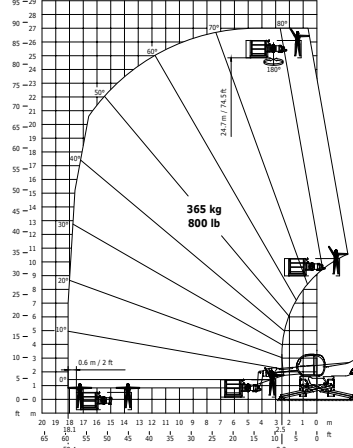
Rotation on lowered stabilisers
with 1500 kg jib
EN 1459



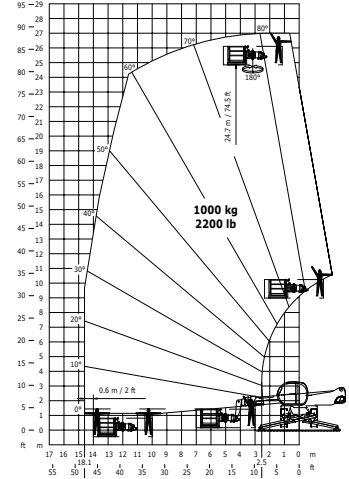
Rotation on lowered stabilisers
with 5000 kg winch
EN 1459



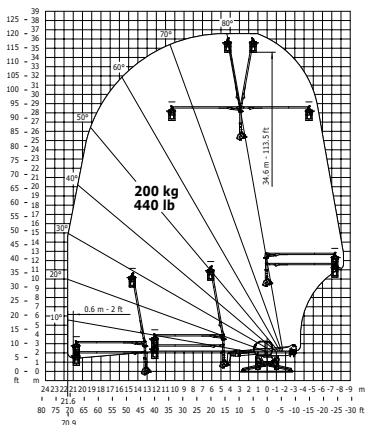
Rotation on lowered stabilisers
with 365 kg platform
EN 280



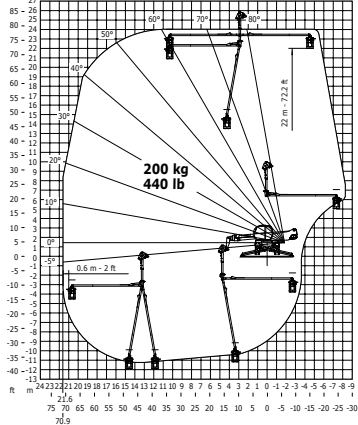
Rotation on lowered stabilisers
with 1000 kg platform
EN 280



Rotation on lowered stabilisers
Positive 3D platform
EN 280



Rotation on lowered stabilisers
Negative 3D platform
EN 280





Daily expertise and service

Your Manitou dealer offers a complete range of services at all stages of your machine's life. The dealer will support you and adapt to your needs in order to provide the best solution to meet your requirements.



1,400 dealers at your service

The Manitou network **operates in more than 140 countries**. In total, we employ more than 2,000 expert technicians, specially trained in Manitou technology, who are at your service to assist with everything from purchasing to after-sales.





Dealership network ■

A network of experts at your service, whatever your activity (agriculture, construction, industry).

Maintenance contracts ■

We offer three levels of contract to meet with your needs: Initial, Advanced and Excellence. Rest easy and leave the maintenance to your official Manitou dealer.

Financing ■

Lease or buy? Manitou Finance helps you choose the most suitable financing solution for your activity. Why look elsewhere?

Warranty extension ■

With Maniplus, you can extend the cover of your Manitou warranty for up to 5 years. Use your equipment with peace of mind.

The connected solution ■

Easy Manager is a simple and flexible tool for managing, optimising and securing the operational monitoring of your machines.

Second-hand equipment ■

In the market for second-hand equipment? The Manitou network is here to help. Just visit manitou.used.com, our dedicated reference site for second-hand Manitou machines.

Original spare parts ■

With more than 70,000 products available, your Manitou dealer offers daily expertise and service!

Your dealer:



Registered office

B.P. 249 - 430 rue de l'Aubinière - 44158 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: 00 33 (0)2 40 09 10 97

www.manitou.com



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