Technical sheet:

# **MRT-X 1845**

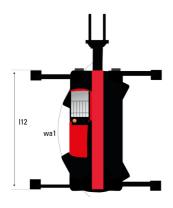
#### **VISION**

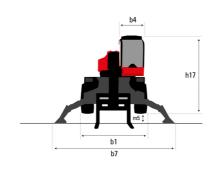


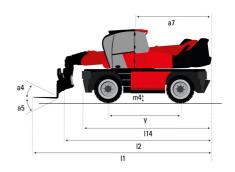


	MRT-X 1845 Created on September 11, 2025 at 4:43 PM I
Capacities	Metric
Max. capacity	4500 kg
Max. lifting height	18 m
faximum outreach	15.20 m
/eight and dimensions	
verall length (with forks)	l1 7.26 m
ength to face of forks	l2 6.06 m
verall width	b1 2.42 m
verall height	h17 3.04 m
verall cab width	b4 0.96 m
round clearance	m4 0.37 m
/heelbase	y 2.43 m
ïlt-up angle	a4 10°
ilt-down angle	a5 107°
urret rotation	400 °
Overall weight	14100 kg
orks length / width / section	I / e / s 1200 mm x 125 mm x 50 mm
Vheels Control of the	
tandard tires	405/70-20
Drive wheels (front / rear)	2/2
Steering mode	2 wheel steer, 4 wheel steer, Crab mode
tabilisers	
tabilizers Type	Wing Type
Controls with stabs	Stabs Commands Individual or Simultaneous
ingine	
ngine brand	Deutz
ngine norm	Stage IIIA
ngine model	TCD 3.6 L4
C. Engine power rating / Power	116 Hp / 85 kW
Max. torque / Engine rotation (min)	460 Nm @ 1600 rpm
Number of cylinders - Capacity of cylinders	4 - 3620 cm <sup>3</sup>
Engine cooling system	Water cooled
Electric circuit	114.6.000.00
Number of batteries / Battery voltage	2 x 12 V
2V Battery capacity	120 Ah
Battery starting current	(EN)850 A
Transmission	(EN)000 //
ransmission type	Hydrostatic
lumber of gears (forward / reverse)	2/2
rawbar pull	9700 daN
arking brake	Automatic negative parking brake
	Oil-immersed multi-discs braking on front & rea
Service brake	axles
Performances	
Gradeability (laden / unladen)	46.60 % / 50.90 %
lydraulics	
lydraulic pump type	Variable displacement pump
lydraulic flow	116 l/min
lydraulic Pressure	275 bar
ank capacities	
ngine oil	111
uel tank	130
oise and vibration	
loise at driving position (LpA)	68 dB
loise to environment (LwA)	106 dB
ibration on hands/arms	< 2.50 m/s <sup>2</sup>
Aiscellaneous	· 2.00 III/3
teering wheels (front / rear)	2/2
Controls	2 / Z 2 Joysticks
Cab certification	2 Joysticks  Cabin ROPS - FOPS level 2
Attachment recognition system (E-Reco)	Standard

## MRT-X 1845 - Dimensional drawing





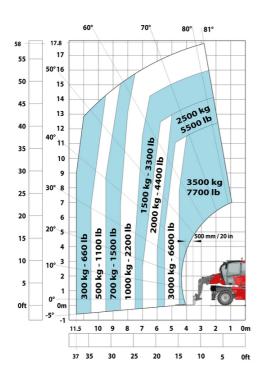


ther data
ength of frame
/heelbase
round clearance
ounterweight offset (turret at 90°)
ilt-up angle
ilt-down angle
verall length at stabilisers
xternal turning radius (over tyres)
verall width with stabilisers extended
verall height
round clearance under front tires on stabilizers

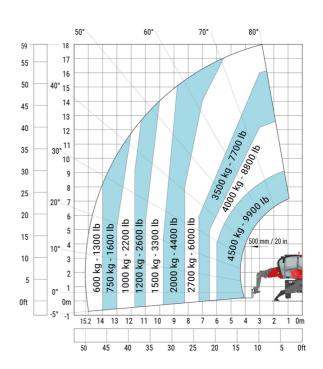
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	10 °
a5	107 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

## MRT-X 1845 - Load chart

## Machine on tires with forks Metric

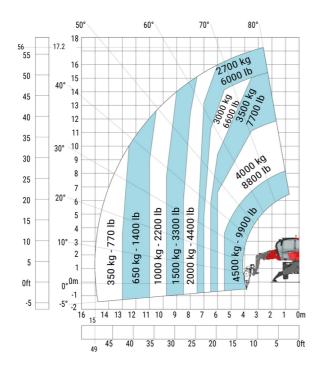


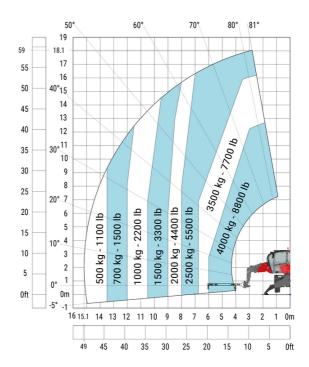
## Machine on lowered stabilisers with forks Metric



Machine on lowered stabilisers with winch 5000 kg Metric

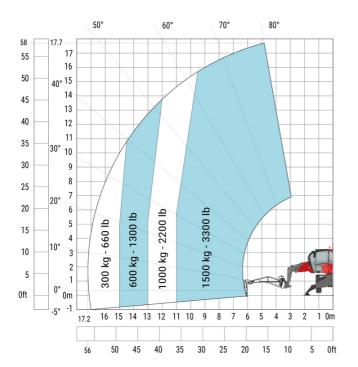
Machine on lowered stabilisers with 4000 kg jib (Metric)

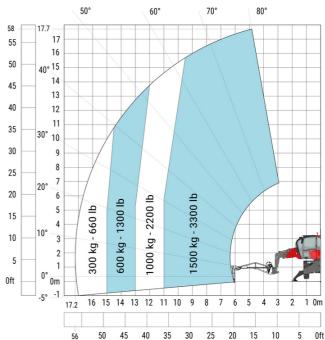




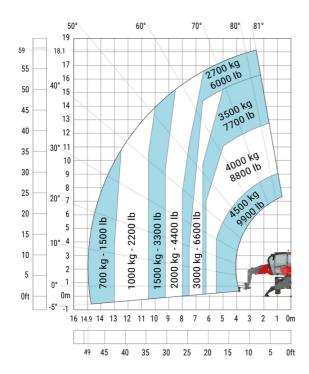
(Metric)

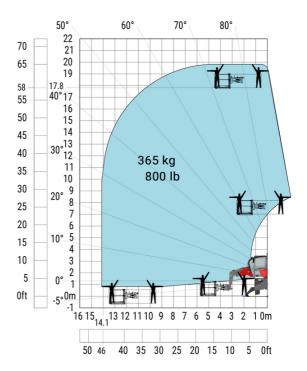
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with extensible jib with winch (Metric)



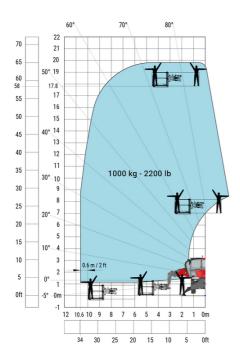


Machine on lowered stabilisers with hook 5000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





Machine on lowered stabilisers with 1000 kg platform 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



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes