Technical sheet:

MRT 1845 115

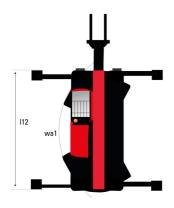
VISION

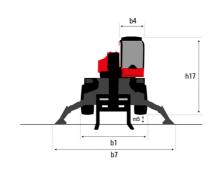


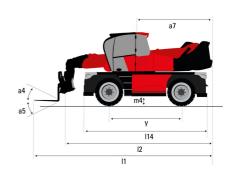


	MRT 1845 115 Created on May 4, 2024 at 1:15:00 AN
apacities	Metric
ax. capacity	4500 kg
ax. lifting height	18 m
x. outreach	15.20 m
ight and dimensions	
erall length (with forks)	l1 7.26 m
ngth to face of forks	l2 6.06 m
erall width	b1 2.42 m
verall height	h17 3.04 m
verall cab width	b4 0.96 m
round clearance	m4 0.37 m
heelbase	y 2.43 m
It-up angle	a4 10 °
lt-down angle	a5 107°
rret rotation / rotation (Max.)	400 ° or 360 °
verall weight	14100 kg
orks length / width / section	I / e / s 1200 mm x 125 mm x 50 mm
heels	
andard tires	405/70-20
ive wheels (front / rear)	2/2
eering mode	2 wheel steer, 4 wheel steer, Crab mode
abilisers	_ mice. steen, i mice. steen, oldb mode
abs Type	Wing Type
ontrols with stabs	Stabs Commands Individual or Simultaneou
	Stabs Commands individual of simultaneou
ngine	
igine brand	Deutz
ngine norm	Stage V / Tier 4
gine model	TCD 3.6 L4
C. Engine power rating / Power	116 Hp / 85 kW
ax. torque / Engine rotation (min)	460 Nm @ 1600 rpm
umber of cylinders - Capacity of cylinders	4 - 3620 cm ³
ngine cooling system	Water cooled
lectric circuit	
umber of batteries / Battery voltage	2 x 12 V
2V Battery capacity	120 Ah
attery starting current	(EN)850 A
ransmission rank to the state of the state o	
ransmission type	Hydrostatic
umber of gears (forward / reverse)	2/2
ax. travel speed	40 km/h
rawbar pull	9700 daN
arking brake	Automatic negative parking brake
	Oil-immersed multi-discs braking on front & r
ervice brake	axles
erformances	
radeability (laden / unladen)	46.60 % / 50.90 %
ydraulics	
ydraulic pump type	Variable displacement pump
	116 I/min
ydraulic flow	
ydraulic Pressure	275 bar
ank capacities	
ngine oil	11
	144
yaraulic oli	130
el tank	11 [
uel tank eesel Exhaust fluid (AdBlue® type)	111
uel tank iesel Exhaust fluid (AdBlue® type) oise and vibration	
uel tank iesel Exhaust fluid (AdBlue® type) olse and vibration oise at driving position (LpA)	68 dB
uel tank iesel Exhaust fluid (AdBlue® type) oise and vibration oise at driving position (LpA) oise to environment (LwA)	68 dB 106 dB
ydraulic oil uel tank iesel Exhaust fluid (AdBlue® type) oise and vibration oise at driving position (LpA) oise to environment (LwA) ibration to whole hand/arm	68 dB
uel tank iesel Exhaust fluid (AdBlue® type) oise and vibration oise at driving position (LpA) oise to environment (LwA) ibration to whole hand/arm liscellaneous	68 dB 106 dB < 2.50 m/s²
uel tank iesel Exhaust fluid (AdBlue® type) oise and vibration oise at driving position (LpA) oise to environment (LwA) bration to whole hand/arm iscellaneous ieering wheels (front / rear)	68 dB 106 dB < 2.50 m/s ² 2 / 2
uel tank iesel Exhaust fluid (AdBlue® type) oise and vibration oise at driving position (LpA) oise to environment (LwA)	68 dB 106 dB < 2.50 m/s²

MRT 1845 115 - Dimensional drawing





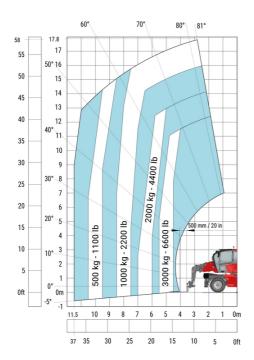


Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Tilt-down angle	
Overall length at stabilisers	
External turning radius (over tyres)	
Overall width with stabilisers extended	
Overall height	
Ground clearance under front tires on stabilizers	

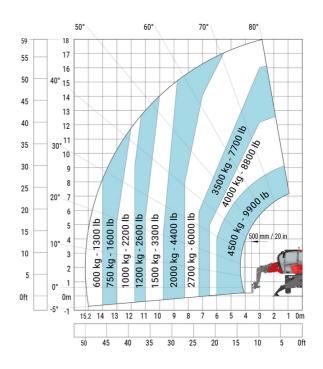
	Metric
	Weuto
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	10 °
a5	107 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

MRT 1845 115 - Load chart

Machine on tyres with forks Metric

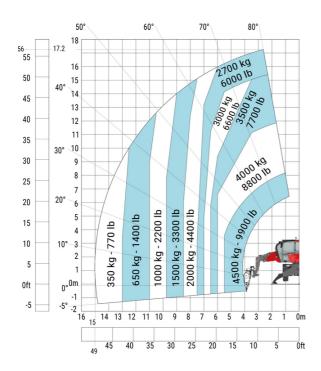


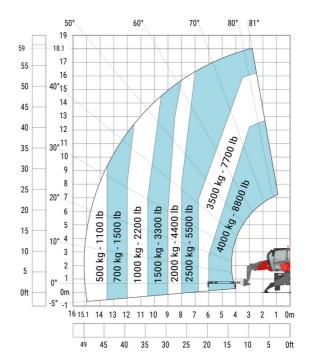
Machine on lowered stabilisers with forks Metric



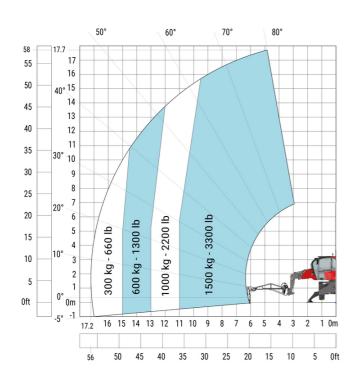
Machine on lowered stabilisers with winch 5000 kg Metric

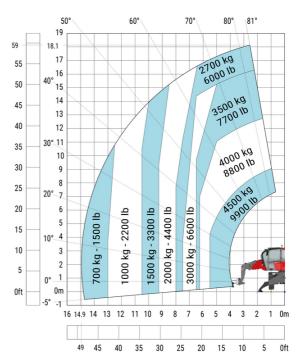
Machine on lowered stabilisers with 4000 kg jib (Metric)



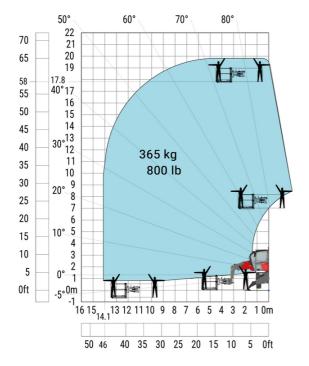


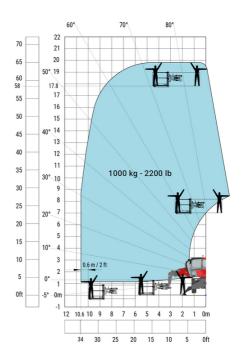
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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