Technical sheet:

MRT 1845 115

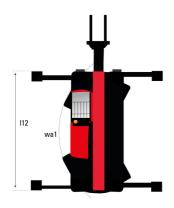
VISION

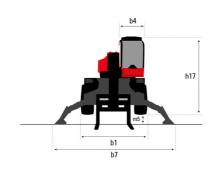


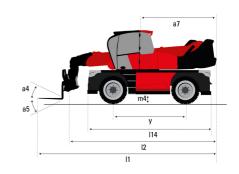


	MRT 1845 115 Created on December 14, 2025 at 4:22 F	INI U
Capacities	Imperial	
Max. capacity	9921 lb	
Max. lifting height	59 ft 1 in	
Maximum outreach	49 ft 10 in	
Veight and dimensions		
Overall length (with forks)	l1 23 ft 10 in	
ength to face of forks	l2 19 ft 11 in	
Overall width	b1 7 ft 11 in	
Overall height	h17 10 ft	
Overall cab width	b4 3 ft 2 in	
external turning radius (over tyres)	Wa1 12 ft 10 in	
round clearance	m4 1 ft 3 in	
/heelbase	y 8 ft	
ilt-up angle	a4 10°	
ilt-down angle	a5 107°	
urret rotation	400 °	
verall weight	31085 lb	
orks length / width / section	1 / e / s 47 in x 5 in x 2 in	
Vheels	17 C/3 47 III X 3 III X 2 III	
tandard tires	405/70-20	
	2/2	
Irive wheels (front / rear)		مام
teering mode	2 wheel steer, 4 wheel steer, Crab mod	ae
tabilisers	W: - T	
tabilizers Type	Wing Type	
Controls for stabs	Stabs Commands Individual or Simultane	eous
ingine in the second se		
ngine brand	Deutz	
ngine norm	Stage V, Tier 4	
ngine model	TCD 3.6 L4	
ngine power (Hp / kW)	116 Hp / 85 kW	
Max. torque / Engine rotation (min)	339 ft/lbs @ 1600 rpm	
Number of cylinders - Capacity of cylinders	4 - 221 in³	
Ingine cooling system	Water cooled	
Electric circuit		
lumber of batteries / Battery voltage	2 x 12 V	
2V Battery capacity	120 Ah	
Sattery starting current	850 A	
ransmission		
ransmission type	Hydrostatic	
lumber of gears (forward / reverse)	2/2	
Max. travel speed	25 mph	
rawbar pull	9700 daN	
Parking 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	31 US gpm	
ydraulic Pressure	3989 PSI	
ank capacities		
ngine oil	3 US gal	
uel	34 US gal	
iesel Exhaust fluid (AdBlue® type)	3 US gal	
loise and vibration		
loise at driving position (LpA)	68 dB	
loise to environment (LwA)	106 dB	
ibration on hands/arms	8 ft/s²	
Aiscellaneous	0.102	
	2/2	
controls		
	2 Joysticks Cabin ROPS - FOPS level 2	
Cab certification	Capin RUPS - FUPS level 2	

MRT 1845 115 - Dimensional drawing





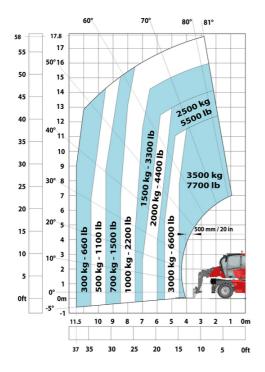


Other data
Length of frame
Wheelbase
Ground clearance
Counterweight offset (turret at 90°)
Overall length at stabilisers
Overall width with stabilisers extended
Ground clearance under front tires on stabilizers

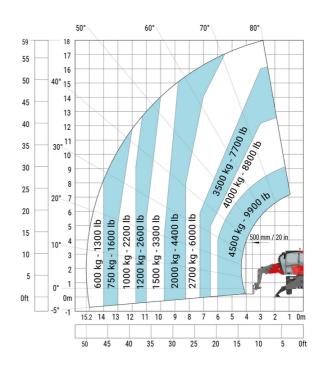
	Imperial
l14	15 ft 4 in
у	8 ft
m4	1 ft 3 in
a7	8 ft 2 in
l12	14 ft 6 in
b7	13 ft 2 in
m5	7 in

MRT 1845 115 - Load chart

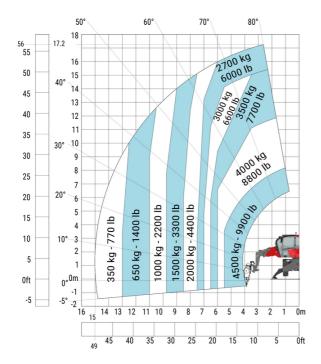
Machine on tires with forks Imperial

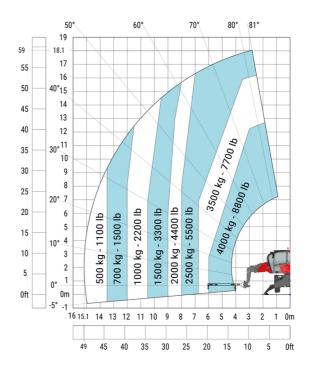


Machine on lowered stabilisers with forks Imperial



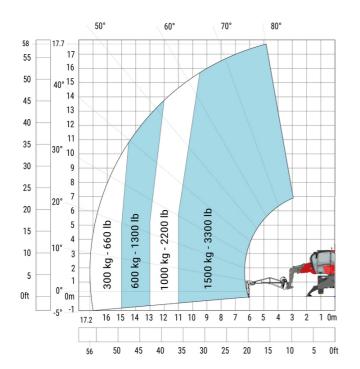
Machine on lowered stabilisers with winch 5000 kg Imperial Machine on lowered stabilisers with 4000 kg jib (Imperial)

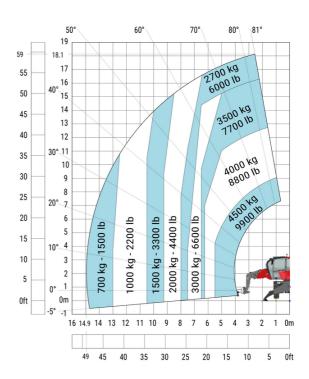




Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Imperial)

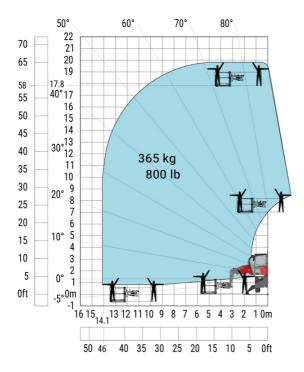
(Imperial)

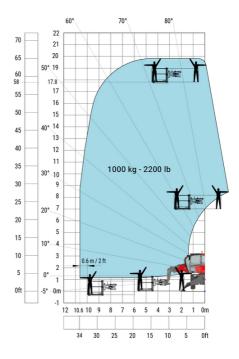




Machine on lowered stabilisers with 365 kg platform Imperial

Machine on lowered stabilisers with 1000 kg platform Imperial









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