Technical sheet:

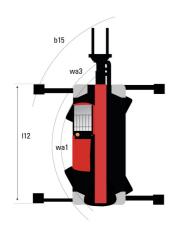
MRT-X 2470 PRIVILEGE PLUS

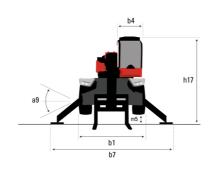




Opposition		Motio	. Invested
Capacities		Metric	Imperial
Max. capacity		7000 kg	15432 lb
Max. lifting height		24.80 m	81 ft 4 in
Maximum outreach		20.50 m	67 ft 3 in
/eight and dimensions			
verall length (with forks)	l1	8.75 m	28 ft 8 in
ength to face of forks	12	7.55 m	24 ft 9 in
Overall width	b1	2.49 m	8 ft 2 in
Overall height	h17	3.05 m	10 ft
Overall cab width	b4	0.99 m	3 ft 3 in
Outer frame turning radius	Wa3	4.90 m	16 ft 1 in
Fround clearance	m4	0.35 m	1 ft 2 in
Vheelbase	у	3.25 m	10 ft 8 in
ïlt-up angle	a4	12 °	12 °
ilt-down angle	a5	108 °	108 °
urret rotation		360 °	360 °
verall weight		21760 kg	47973 lb
orks length / width / section	l/e/s	1200 mm x 60 mm x 130 mm	47 in x 2 in x 5 in
/heels			
ires type		Pneumatic	Pneumatic
standard tires		445/65 R22,5	445/65 R22,5
Drive wheels (front / rear)		2/2	2 / 2
Stabilisers			
Stabilizers Type		Telescopic Duplex	Telescopic Duplex
controls with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneou
ingine		Stabs Commands Individual of Simultaneous	Stabs Commands Individual of Simultaneous
ngine brand		Mercedes	Mercedes
ngine norm		Stage IIIA	Stage IIIA
ngine model		0M_904_LA_E3A/1	0M_904_LA_E3A/1
-			
C. Engine power rating / Power / Engine rotation		176 Hp / 129 kW @ 1600 rpm	176 Hp / 129 kW @ 1600 rpm
Max. torque / Engine rotation (min)		675 Nm @ 1200 rpm	498 ft/lbs @ 1200 rpm
lumber of cylinders - Capacity of cylinders		4 - 4250 cm³	4 - 259 in ³
njection		engine Injection direct	engine Injection direct
ngine cooling system		Water	Water
Electric circuit		2 424	2 12 14
Number of batteries / Battery voltage		2 x 12 V	2 x 12 V
2V Battery capacity		180 Ah	180 Ah
ransmission			
ransmission type		Hydrostatic	Hydrostatic
lumber of gears (forward / reverse)		2/2	2/2
Max. travel speed		40 km/h	25 mph
Prawbar pull		9500 daN	9500 daN
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
ervice brake		Hydraulic	Hydraulic
lydraulics			
lydraulic pump type		Variable displacement pump	Variable displacement pump
lydraulic flow		180 l/min	48 US gpm
lydraulic Pressure		350 bar	5076 PSI
ank capacities			
ngine oil		21 I	6 US gal
uel tank		290 I	77 US gal
oise and vibration			
oise at driving position (LpA)		79.70 dB	79.70 dB
oise to environment (LwA)		108 dB	108 dB
ibration on hands/arms		< 2.50 m/s ²	< 2.50 m/s ²
Aiscellaneous		2.00 11/0	2.00 m/ 0
Steering wheels (front / rear)		2 / 2	2 / 2
controls		2 / Z 2 Joysticks	2 Joysticks
Cab certification		2 Joysticks Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2
an ceimication		Capili ropo - Foro level 2	Capill ROPS - FUPS level 2

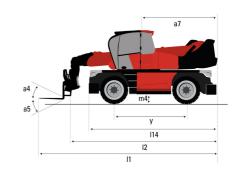
MRT-X 2470 Privilege Plus - Dimensional drawing





l14

b15 b7 h17 a9 m5



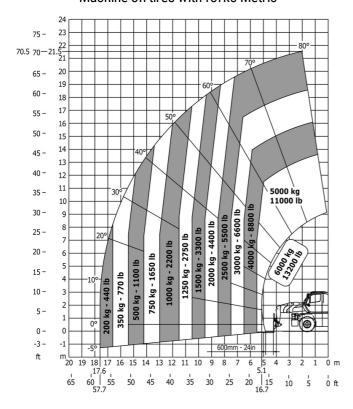
Other data
Length of frame
Wheelbase
Ground clearance
Counterweight offset (turret at 90°)
Tilt-up angle
Tilt-down angle
Overall length at stabilisers
Outer frame turning radius
Outer turning radius (with forks)
Overall width with stabilisers extended
Overall height
Frame leveling corrector
Ground clearance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

Metric
5.62 m
3.25 m
0.35 m
3.42 m
12 °
108 °
5.62 m
4.90 m
6.26 m
6.06 m
3.05 m
+/- 7.40 °
0.32 m

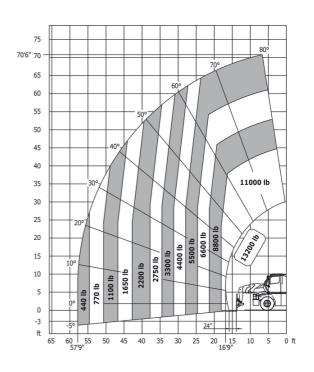
18 ft 5 in	
10 ft 8 in	
1 ft 2 in	
11 ft 3 in	
12 °	
108 °	
18 ft 5 in	
16 ft 1 in	
20 ft 6 in	
19 ft 11 in	
10 ft	
+/- 7.40 °	
1 ft 1 in	

MRT-X 2470 Privilege Plus - Load chart

Machine on tires with forks Metric

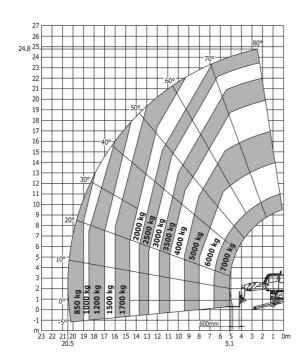


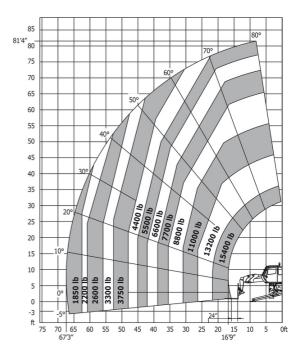
Machine on tires with forks Imperial



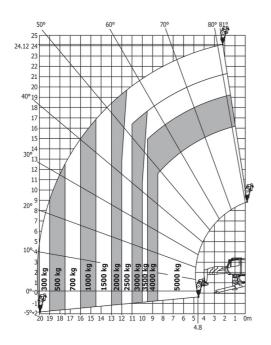
Machine on lowered stabilisers with forks Metric

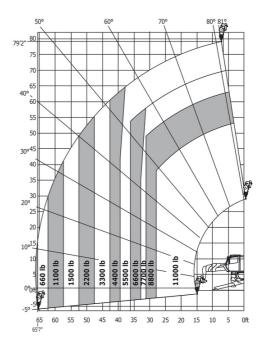
Machine on lowered stabilisers with forks Imperial



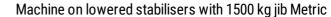


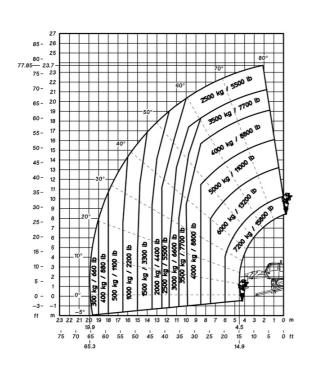
Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with winch 5000 kg Imperial

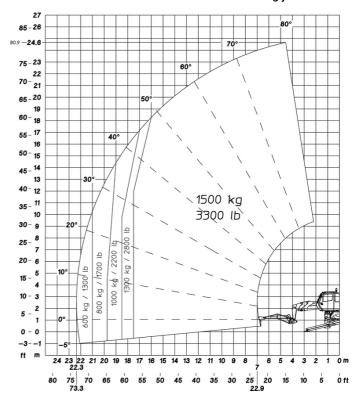




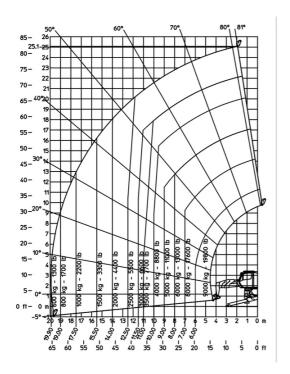
Machine on lowered stabilisers with winch 7000 kg Metric

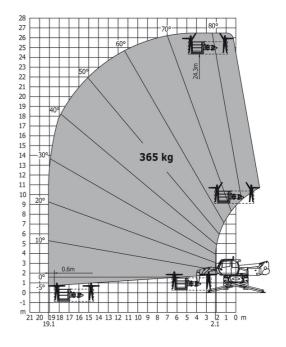




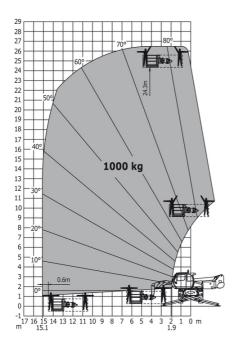


Machine on lowered stabilisers with hook 9000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





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