Technical sheet:

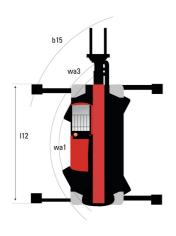
MRT-X 2145 EASY 360°

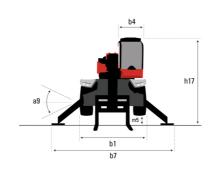




		mrt-x 2145 EASY 360° Created on July 3, 2025 at 7:45 PM UT		
Capacities		Metric	Imperial	
Max. capacity		4500 kg	9921 lb	
Max. lifting height		20.60 m	67 ft 7 in	
Maximum outreach		17.90 m	58 ft 9 in	
Weight and dimensions				
Overall length (with forks)	l1	6.59 m	21 ft 7 in	
ength to face of forks	12	6.59 m	21 ft 7 in	
overall width	b1	2.50 m	8 ft 2 in	
Overall height	h17	3.02 m	9 ft 11 in	
Overall cab width	b4	0.95 m	3 ft 1 in	
Outer frame turning radius	Wa3	3.60 m	11 ft 10 in	
Fround clearance	m4	0.32 m	1 ft 1 in	
Vheelbase	у	2.75 m	9 ft	
rame leveling longitudinal +/-		0 °	0 °	
ilt-up angle	a4	10 °	10 °	
ilt-down angle	a5	107 °	107 °	
verall weight	uo	14530 kg	32033 lb	
orks length / width / section	l/e/s	1200 mm x 125 mm x 15 mm	47 in x 5 in x 0.59 in	
/heels	1/6/3	1200 Hilli A 120 Hilli A 10 Hilli	77 III A U III A U.U7 III	
ires type		Pneumatic	Pneumatic	
tandard tires		18-19,5	18-19,5	
rive wheels (front / rear)		2 / 2	2 / 2	
tabilisers			2/2	
tabilizers Type		Wing Type	Wing Type	
controls with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous	
ingine		Stabs Commands individual of Simultaneous	Stabs Commands individual of Simultaneous	
ngine ngine brand		Perkins	Perkins	
•				
ngine norm		Stage IIIA	Stage IIIA	
ngine model		1104D-44T	1104D-44T	
C. Engine power rating / Power / Engine rotation		101 Hp / 74.50 kW @ 1200 rpm	101 Hp / 74.50 kW @ 1200 rpm	
fax. torque		1400 Nm	1033 ft/lbs	
lumber of cylinders - Capacity of cylinders		3400 - 4400 cm³	3400 - 269 in ³	
njection		engine Injection direct	engine Injection direct	
ngine cooling system		Water	Water	
lectric circuit				
lattery voltage		12 V	12 V	
2V Battery capacity		120 Ah	120 Ah	
ransmission				
ransmission type		Hydrostatic	Hydrostatic	
umber of gears (forward / reverse)		2/2	2/2	
lax. travel speed		37 km/h	23 mph	
rawbar pull		7900 daN	7900 daN	
arking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake	
ervice brake		Hydraulic	Hydraulic	
ydraulics				
ydraulic pump type		Gear pump	Gear pump	
ydraulic flow		115 l/min	30 US gpm	
ydraulic Pressure		270 bar	3916 PSI	
ydraulic tank capacity		150 l	40 US gal	
ank capacities				
ngine oil		8.50 I	2 US gal	
		130 l	34 US gal	
uel tank				
oise and vibration		79.70 dB	79.70 dB	
oise and vibration oise at driving position (LpA)		79.70 dB 104 dB	79.70 dB 104 dB	
oise and vibration oise at driving position (LpA) oise to environment (LwA)				
oise and vibration oise at driving position (LpA) oise to environment (LwA) ibration on hands/arms		104 dB	104 dB	
oise and vibration oise at driving position (LpA) oise to environment (LwA) ibration on hands/arms tiscellaneous		104 dB	104 dB	
loise and vibration loise at driving position (LpA) loise to environment (LwA) libration on hands/arms discellaneous teering wheels (front / rear)		104 dB < 2.50 m/s²	104 dB < 2.50 m/s²	
tuel tank Ioise and vibration Ioise at driving position (LpA) Ioise to environment (LwA) fibration on hands/arms Aliscellaneous Steering wheels (front / rear) Controls Cab certification		104 dB < 2.50 m/s ² 2 / 2	104 dB < 2.50 m/s ² 2 / 2	

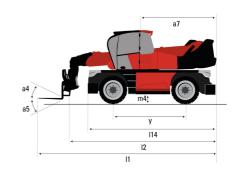
MRT-X 2145 Easy 360° - Dimensional drawing





l14

I12 Wa3 b15 b7 h17



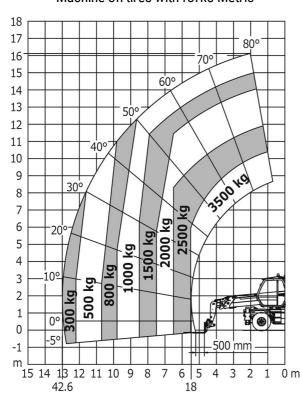
Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Tilt-down angle	
Overall length at stabilisers	
Outer frame turning radius	
Outer turning radius (with forks)	
Overall width with stabilisers extended	
Overall height	
Frame leveling corrector	

Metric
4.71 m
2.75 m
0.32 m
2 m
10 °
107 °
4.35 m
3.60 m
4.62 m
4.98 m
3.02 m
. / 0 0

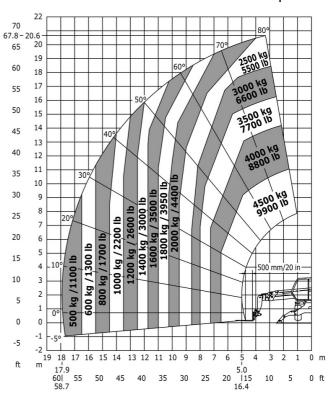
15 ft 5 in
9 ft
1 ft 1 in
6 ft 7 in
10 °
107 °
14 ft 3 in
11 ft 10 in
15 ft 2 in
16 ft 4 in
9 ft 11 in
1/00

MRT-X 2145 Easy 360° - Load chart

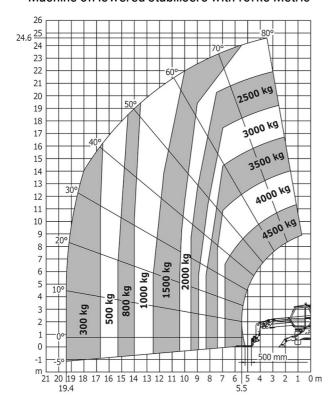
Machine on tires with forks Metric



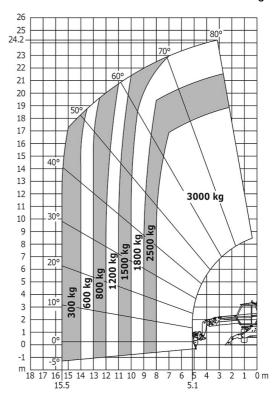
Machine on lowered stabilisers with forks Imperial



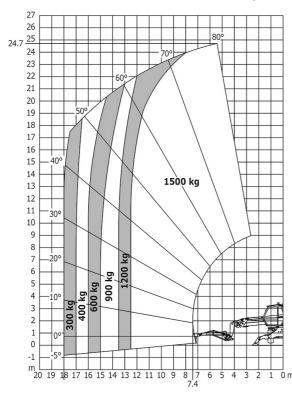
Machine on lowered stabilisers with forks Metric



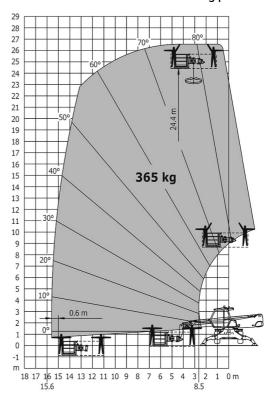
Machine on lowered stabilisers with winch 3000 kg Metric



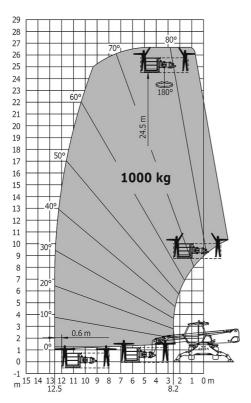
Machine on lowered stabilisers with 1500 kg jib Metric



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