Technical sheet:

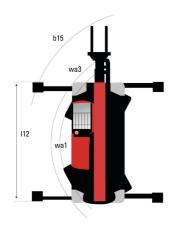
MRT 3050 PRIVILEGE PLUS

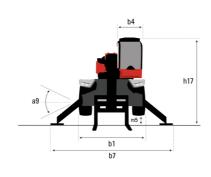


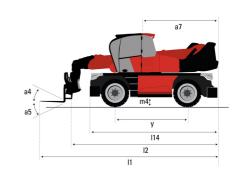


		MRT 3050 PRIVILEGE PLU	us Created on July 3, 2025 at 8:18 PM I
Capacities		Metric	Imperial
Max. capacity		4999 kg	11021 lb
Max. lifting height		29.50 m	96 ft 9 in
Maximum outreach		25.80 m	84 ft 8 in
Weight and dimensions			
Overall length (with forks)	l1	9.02 m	29 ft 7 in
Length to face of forks	12	7.82 m	25 ft 8 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
Ground clearance	m4	0.35 m	1 ft 2 in
Wheelbase	у	3.25 m	10 ft 8 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	108 °	108 °
Turret rotation		360 °	360 °
Overall weight		21810 kg	48083 lb
Forks length / width / section	I/e/s	1200 mm x 45 mm x 130 mm	47 in x 2 in x 5 in
Wheels			
Tires type		Pneumatic	Pneumatic
Standard tires		445/65 R22,5	445/65 R22,5
Drive wheels (front / rear)		2 / 2	2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode	2 wheel steer, 4 wheel steer, Crab mode
Stabilisers			
Stabilizers Type		Telescopic Duplex	Telescopic Duplex
Controls with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous
Engine			
Engine brand		Mercedes	Mercedes
Engine norm		Stage IV, Tier 4 final	Stage IV, Tier 4 final
Engine model		OM 934 LA.E4-3	OM 934 LA.E4-3
I.C. Engine power rating / Power / Engine rotation		176 Hp / 129 kW @ 1600 rpm	176 Hp / 129 kW @ 1600 rpm
Max. torque / Engine rotation (min)		750 Nm @ 1200 rpm	553 ft/lbs @ 1200 rpm
Number of cylinders - Capacity of cylinders		4 - 5130 cm³	4 - 313 in³
Injection		engine Injection direct	engine Injection direct
Engine cooling system		Water	Water
Electric circuit		Hatel	Hutel
Number of batteries / Battery voltage		2 x 12 V	2 x 12 V
		120 Ah	120 Ah
12V Battery capacity		120 All	120 All
Transmission		0.1	0.1.48
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed		40 km/h	25 mph
Drawbar pull		9500 daN	9500 daN
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
Service brake		Hydraulic	Hydraulic
Hydraulics			
Hydraulic pump type		Variable pump	Variable pump
Hydraulic flow		180 l/min	48 US gpm
Hydraulic Pressure		350 bar	5076 PSI
Hydraulic tank capacity	<u> </u>	290 l	77 US gal
Tank capacities			
Engine oil		21	6 US gal
uel tank		290 l	77 US gal
Diesel Exhaust fluid (AdBlue® type)		57 I	15 US gal
Noise and vibration			
		79.70 dB	79.70 dB
Noise at driving position (LpA)			
Noise at driving position (LpA) Noise to environment (LwA)		108 dB	108 dB
Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous			
Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous		108 dB < 2.50 m/s²	108 dB < 2.50 m/s²
Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear)		108 dB < 2.50 m/s² 2 / 2	108 dB < 2.50 m/s² 2 / 2
Noise at driving position (LpA) Noise to environment (LwA)		108 dB < 2.50 m/s²	108 dB < 2.50 m/s²

MRT 3050 Privilege Plus - Dimensional drawing







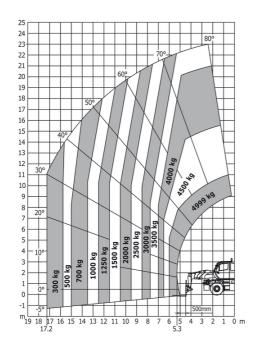
Other data		
Length of frame	l14	
Wheelbase	у	
Ground clearance	m4	
Counterweight offset (turret at 90°)	a7	
Tilt-up angle	a4	
Tilt-down angle	a5	
Overall length at stabilisers	l12	
Outer frame turning radius	Wa3	
Outer turning radius (with forks)	b15	
Overall width with stabilisers extended	b7	
Overall height	h17	
Frame leveling corrector	a9	
Ground clearance under front tires on stabilizers	m5	

5.62 r	n
3.25 r	n
0.35 r	n
3.42 r	n
12 °	
108 9	•
5.62 r	n
4.90 r	n
6.49 r	n
6.06 r	n
3.05 r	n
+/- 7.4	0 °
0.32 r	n

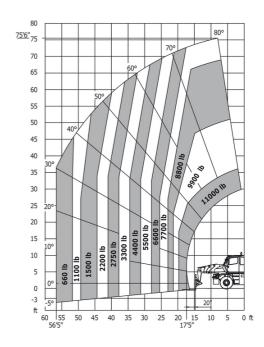
18 ft 5 in
10 ft 8 in
1 ft 2 in
11 ft 3 in
12 °
108 °
18 ft 5 in
16 ft 1 in
21 ft 4 in
19 ft 11 in
10 ft
+/- 7.40 °
1 ft 1 in

MRT 3050 Privilege Plus - Load chart

Machine on tires with forks Metric

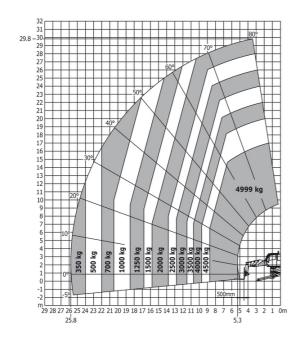


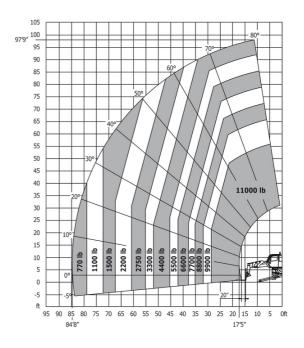
Machine on tires with forks Imperial



Machine on lowered stabilisers with forks Metric

Machine on lowered stabilisers with forks Imperial

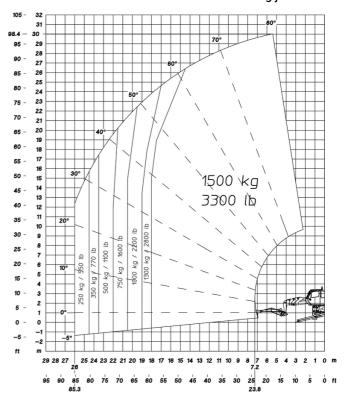




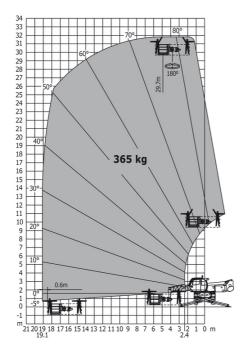
Machine on lowered stabilisers with winch 5000 kg Metric

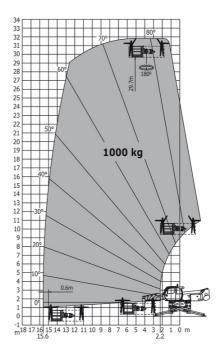
105 - 32 6.9 - 30 90 - 28 90 - 28 60 - 24 75 - 23 70 - 22 65 - 20 60 - 19 6

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