Technical sheet:

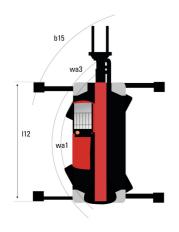
MRT 3050 PRIVILEGE PLUS

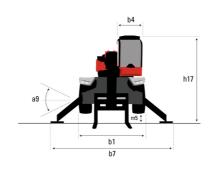


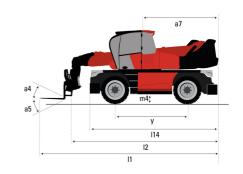


	MRT 3050 PRIVILEGE PLUS Created on July 3, 2025 at 7:34 PM UTC			
Capacities		Metric	Imperial	
Max. capacity		4999 kg	11021 lb	
Max. lifting height		29.50 m	96 ft 9 in	
Maximum outreach		25.80 m	84 ft 8 in	
Weight and dimensions		20.00 111	04 10 m	
Overall length (with forks)	l1	9.02 m	29 ft 7 in	
Length 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	l/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 cm ³	4 - 313 in ³	
Injection		engine Injection direct	engine Injection direct	
Engine cooling system		Water	Water	
Electric circuit		2 12 11		
Number of batteries / Battery voltage		2 x 12 V	2 x 12 V	
12V Battery capacity		120 Ah	120 Ah	
Transmission				
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		290	77 US gal	
Tank capacities				
Engine oil		21	6 US gal	
Fuel tank		290	77 US gal	
Diesel Exhaust fluid (AdBlue® type)		57 I	15 US gal	
Noise and vibration		37 1	13 03 yai	
		70.70 40	70.70 40	
Noise at driving position (LpA)		79.70 dB	79.70 dB	
Noise to environment (LwA)		108 dB	108 dB	
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²	
Miscellaneous				
Steering wheels (front / rear)		2/2	2/2	
Controls		2 Joysticks	2 Joysticks	
Cab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2	
oub octaniousion				

MRT 3050 Privilege Plus - Dimensional drawing



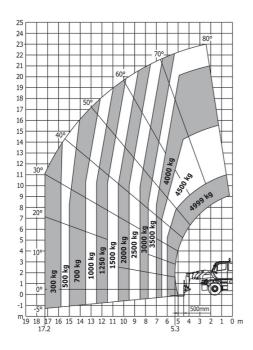




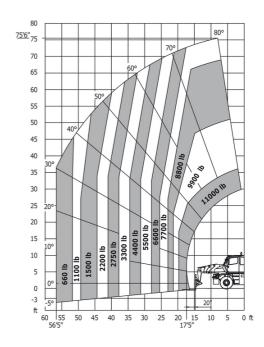
Other data		Metric	Imperial
Length of frame	l14	5.62 m	18 ft 5 in
Wheelbase	у	3.25 m	10 ft 8 in
Ground clearance	m4	0.35 m	1 ft 2 in
Counterweight offset (turret at 90°)	a7	3.42 m	11 ft 3 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	108 °	108 °
Overall length at stabilisers	l12	5.62 m	18 ft 5 in
Outer frame turning radius	Wa3	4.90 m	16 ft 1 in
Outer turning radius (with forks)	b15	6.49 m	21 ft 4 in
Overall width with stabilisers extended	b7	6.06 m	19 ft 11 in
Overall height	h17	3.05 m	10 ft
Frame leveling corrector	a9	+/- 7.40 °	+/- 7.40 °
Ground clearance under front tires on stabilizers	m5	0.32 m	1 ft 1 in

MRT 3050 Privilege Plus - Load chart

Machine on tires with forks Metric

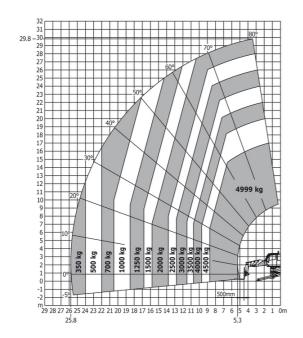


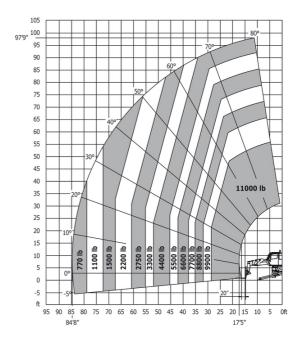
Machine on tires with forks Imperial



Machine on lowered stabilisers with forks Metric

Machine on lowered stabilisers with forks Imperial

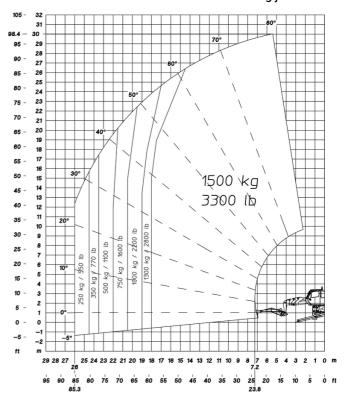




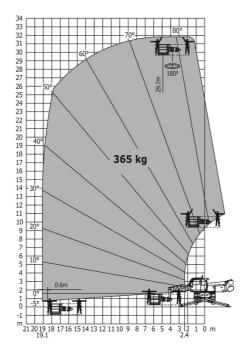
Machine on lowered stabilisers with winch 5000 kg Metric

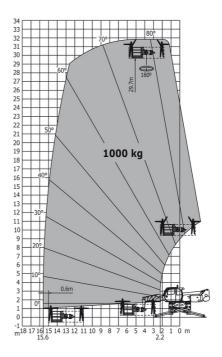
105 - 32 10.9 - 30 85 - 28 90 - 28 86 - 29 87 - 23 87 - 23 70 - 21 88 - 29 80 - 28 80 - 24 80

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