Technical sheet :

MRT-X 3050 PRIVILEGE PLUS

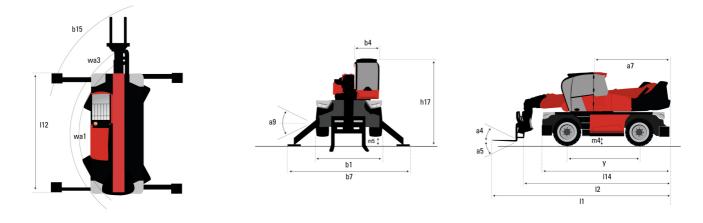




MRT-X 3050 PRIVILEGE PLUS Created on July 4, 2025 at 9:17 PM UTC

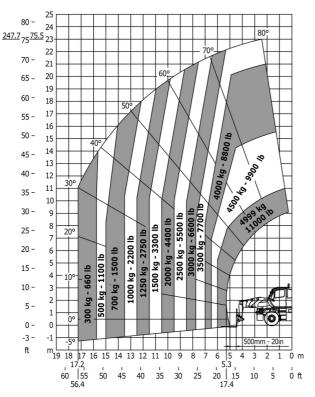
			US Created on July 4, 2025 at 9.17 PM
Capacities		Metric	Imperial
Max. capacity		4999 kg	11021 lb
lax. lifting height		29.50 m	96 ft 9 in
aximum outreach		25.80 m	84 ft 8 in
eight and dimensions			
verall length (with forks)	1	9.02 m	29 ft 7 in
ength to face of forks	12	7.82 m	25 ft 8 in
verall width	b1	2.49 m	8 ft 2 in
verall height	h17	3.05 m	10 ft
verall cab width	b4	0.99 m	3 ft 3 in
uter frame turning radius	Wa3	4.90 m	16 ft 1 in
ound clearance	m4	0.35 m	1 ft 2 in
heelbase	у	3.25 m	10 ft 8 in
It-up angle	a4	12 °	12 °
t-down angle	a5	108 °	108 °
rret rotation		360 °	360 °
rerall weight		21810 kg	48083 lb
orks length / width / section	l / e / s	1200 mm x 45 mm x 130 mm	47 in x 2 in x 5 in
neels			
es type		Pneumatic	Pneumatic
andard tires		445/65 R22,5	445/65 R22,5
ive wheels (front / rear)		2/2	2/2
abilisers			
abilizers Type		Telescopic Duplex	Telescopic Duplex
ontrols with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous
gine			
gine brand		Mercedes	Mercedes
gine norm		Stage IIIA	Stage IIIA
gine model		OM_904_LA_E3A/1	OM_904_LA_E3A/1
2. Engine power rating / Power / Engine rotation		176 Hp / 129 kW @ 1600 rpm	176 Hp / 129 kW @ 1600 rpm
ax. torque / Engine rotation (min)		675 Nm @ 1200 rpm	498 ft/lbs @ 1200 rpm
umber of cylinders - Capacity of cylinders		4 - 4250 cm ³	4 - 259 in ³
jection		engine Injection direct	engine Injection direct
igine cooling system		Water	Water
ectric circuit		Water	Watch
umber of batteries / Battery voltage		2 x 12 V	2 x 12 V
2V Battery capacity		120 Ah	120 Ah
ansmission		120 All	120 All
		Understatio	Undrostatio
ansmission type		Hydrostatic	Hydrostatic
mber of gears (forward / reverse)		2 / 2 10 km/k	2/2
ax. travel speed		40 km/h	25 mph
rawbar pull		9500 daN	9500 daN
arking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
rvice brake		Hydraulic	Hydraulic
/draulics			
rdraulic pump type		Variable pump	Variable pump
draulic flow		180 l/min	48 US gpm
ydraulic Pressure		350 bar	5076 PSI
draulic tank capacity		290 I	77 US gal
nk capacities			
gine oil		21 I	6 US gal
el tank		290 l	77 US gal
pise and vibration			
oise at driving position (LpA)		79.70 dB	79.70 dB
bise to environment (LwA)		108 dB	108 dB
bration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
iscellaneous			
eering wheels (front / rear)		2 / 2	2 / 2
ontrols		2 Joysticks	2 Joysticks
b certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2
ttachment recognition system (E-Reco)		Standard	Standard

MRT-X 3050 Privilege Plus - Dimensional drawing



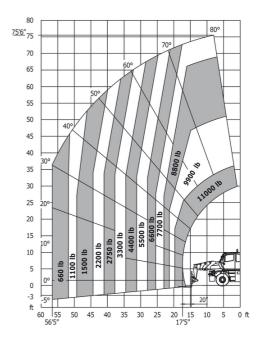
Other data		Metric	Imperial
Length of frame	114	5.62 m	18 ft 5 in
Wheelbase	у	3.25 m	10 ft 8 in
Ground clearance	m4	0.35 m	1 ft 2 in
Counterweight offset (turret at 90°)	a7	3.42 m	11 ft 3 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	108 °	108 °
Overall length at stabilisers	l12	5.62 m	18 ft 5 in
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-X 3050 Privilege Plus - Load chart

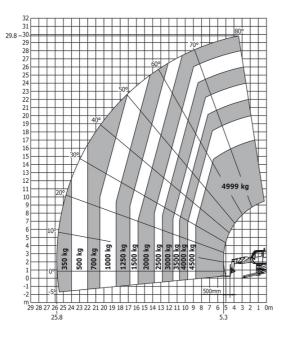


Machine on tires with forks Metric

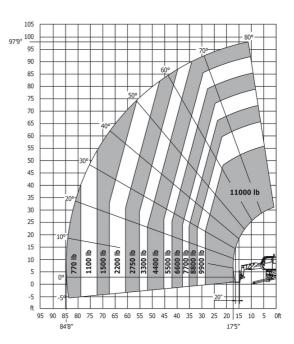
Machine on tires with forks Imperial



Machine on lowered stabilisers with forks Metric



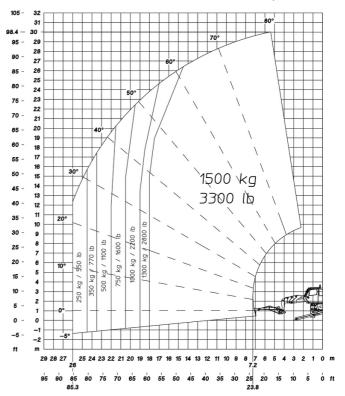
Machine on lowered stabilisers with forks Imperial



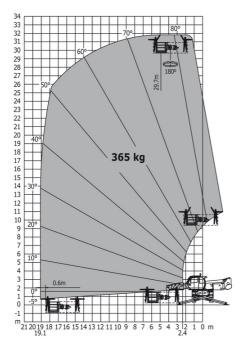
Machine on lowered stabilisers with winch 5000 kg Metric

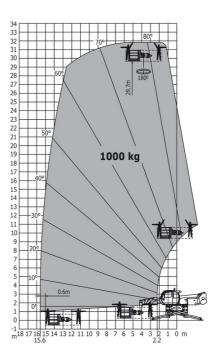
108 95 21 Kg ID 90 85 -1400 70 65 60 55 50 -45 · 40 5000 kg 35 -11000 Lb 2500 kg// 5500 lb 3000 kg / 6600 lb 4000 kg / 8800 lb 30 1 2200 kg / 2200 kg 1 2800 kg / 2800 kg 2800 kg / 3300 kg 2000 kg / 4400 lb 25 -700 kg / 1500 lb 500 kg / 1100 lb 20 -300 kg / 660 lb 15 -10 -5 -0 --5 -_____ ft 29 28 27 26 24 23 22 21 20 19 18 17 15 14 13 12 11 10 9 8 7 16 4 3 2 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 ft

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