Technical sheet :

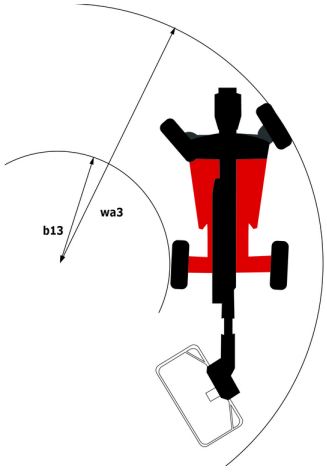
MAN'GO 12

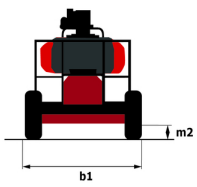
MANITOU
HANDLING YOUR WORLD

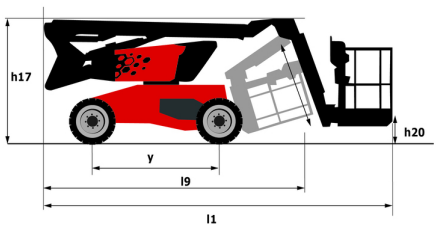
Capacities		Metric
Working height	h21	11.91 m
Platform height	h7	9.90 m
Maximum outreach		6.19 m
Overhang		4.80 m
Pendular arm rotation (top / bottom)		+64 ° / -70 °
Platform capacity	Q	230 kg
Turret rotation		350 °
Platform rotation (right / left)		70 ° / 66 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		4150 kg
Platform dimensions (length x width)	lp / ep	1.50 m x 0.98 m
Floor height (access)	h20	0.39 m
Overall length	l1	5.50 m
Overall width	b1	1.80 m
Overall height	h17	2.02 m
Overall length (stowed)	l9	4.50 m
Overall height (stowed)	h18 ***	2.49 m
Jib length	l13	1.46 m
Counterweight offset (turret at 90°)	a7	0.19 m
Internal turning radius / External turning radius	Wa3	1.71 m/4.11 m
Ground clearance at centre of wheelbase	m2	0.32 m
Wheelbase	y	2 m
Performances		
Drive speed - stowed		5.20 km/h
Drive speed - raised		1 km/h
Gradeability		45 %
Permissible leveling		4 °
Wheels		
Tires type		Solid tires
Standard tires		720 x 240 mm
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 0
Braking wheels (front / rear)		2 / 2
Engine/Battery		
Engine brand / model		Kubota - D1105-E4B
Engine norm		Stage IIIA, Stage V
Engine power (Hp / kW)		24.80 Hp / 18.50 kW
Miscellaneous		
Ground Pressure		15 daN/cm2
Hydraulic Pressure		400 bar
Hydraulic tank capacity		60 l
Fuel		53 l
Noise to environment (LwA)		< 100 dB
Vibration on hands/arms		< 0.76 m/s²
Daily consumption **		4.41 l
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - EMC according to EN 12895 / 2015 +A1 / 2019

*Varies according to options and standards of the country to which the machine is delivered
** According to "REDUCE cycle"

MAN'GO 12 - Dimensional drawing







Equipment

Standard
3 Simultaneous movements
Additional foot-operated horn
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
Basket controls protection
CAN bus technology
Differential locking
Driver presence pedal
Easy Manager
Emergency stop button in platform and on frame
Fuel gauge with low level indicator
Galvanized basket - Width: 1500 mm (4 ft. 11 in.)
Hour meter
Key lock on turret cover
Leveling unlocking
Management via engine speed bearing
Manual emergency lowering
Pendular arm
Proportional controls
Quick access to components
Secondary Protection System (SPS)
Simplified lift control system
Stop & Go system

Optional
Antitheft digicode
Audio warning on all motion
Audio warning on all motion - White noise
Audio warning on translation
Battery charger automatic start
Battery cut-off
Biodegradable oil
Catalytic cleaner
Charger plug - 110V - 16A - United Kingdom (G) type
Cold weather protection oil
Compressed air pipe pre-fitting
Diesel filter on tank inlet
Diesel tank locking cap
Earthing and short-circuiting pre-fitting (Bolted ball)
Easy Link - With access control keypad
Easy Link - With remote lock
High visibility reflective strips
Higher capacity battery, to start the machine easily in cold countries.
Hydraulic oil pre-heater
Key lock on turret cover
Key lock on turret cover
LED amber strobe light on the basket
LED work light - On basket
Non-marking tires
On-board generator (3,5 or 5 kW)
Rail protection
Safety harness
Screen protection on the lower box control
Spark arrester muffler
Starter battery blanket
Turret orientation detection
Water pre-fitting

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