

Technical sheet :

MAN'GO 12



Capacities		Metric
Working height	h21	11.91 m
Platform height	h7	9.90 m
Max. 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 tank capacity		53 l
Noise to environment (LwA)		< 100 dB
Vibration on hands/arms		< 0.76 m/s ²
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

Anti-theft 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