

Technical sheet :

# MAN'GO 12

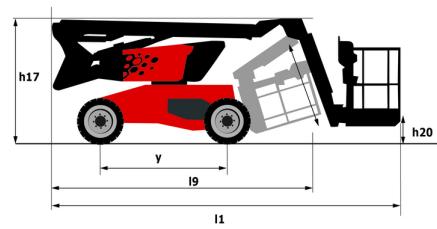
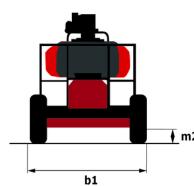
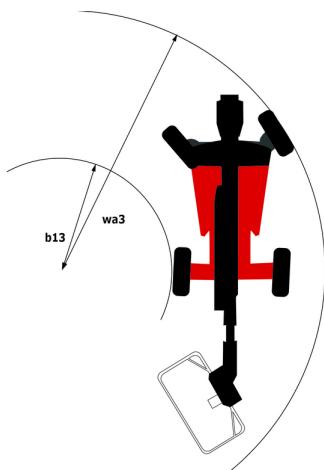


 **MANITOU**  
HANDLING YOUR WORLD

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)	l <sub>p</sub> / 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/cm <sup>2</sup>
Hydraulic Pressure		400 bar
Hydraulic tank capacity		60 l
Fuel		53 l
Noise to environment (L <sub>WA</sub> )		100 dB
Vibration on hands/arms		0.76 m/s <sup>2</sup>
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
- Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
- Basket 1,500 mm
- CAN bus technology
- Dead man pedal
- Differential locking
- Easy Manager
- Emergency stop button in platform and on frame
- Engine compartment with key lock
- Fuel gauge with low level indicator
- Horn in the platform
- Hour meter
- Leveling unlocking
- Management via engine speed bearing
- Manual emergency lowering
- Pendular arm
- Proportional controls
- Protective cover for control panel
- Quick access to components
- Secondary Protection System (SPS)
- Simplified lift control system
- Stop & Go system

## Optional

- 110 or 230V plug with differential circuit breaker
- Audio warning on all motion
- Audio warning on all motion - White noise
- Audio warning on translation
- Battery blanket
- Battery charger automatic start
- Battery cut-off
- Biodegradable oil
- Catalytic cleaner
- Coded anti-start
- Cold weather protection oil
- Earthing and shortcircuiting pre-fitting (Bolted ball)
- Easy Link - With access control keypad
- Easy link with remote lock
- Engine compartment with key lock
- External pneumatic supply source
- Fuel filling sieve
- High capacity starting battery
- High visibility reflective strips
- Hydraulic oil heater
- Key lock on turret covers
- LED amber strobe light on the basket
- Lockable fuel cap
- Non-marking tires
- On-board generator (3,5 or 5 kW)
- Rail protection
- Safety harness
- Screen protection on the lower box control
- Spark arrester
- Turret orientation information
- Water predisposition
- Working light

**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](http://www.manitou.com)

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