

Technical sheet :

MAN'GO 12

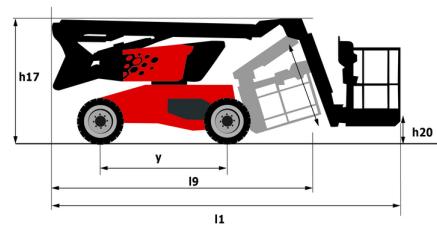
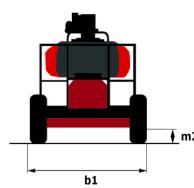
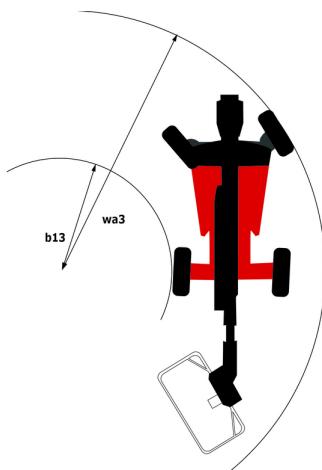


 **MANITOU**
HANDLING YOUR WORLD

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		Metric	
Platform weight*		4150 kg	
Platform dimensions (length x width)	l _p / ep	1.50 m x 0.98 m	
Floor height (access)	h20	0.39 m	
Overall length	l ₁	5.50 m	
Overall width	b ₁	1.80 m	
Overall height	h ₁₇	2.02 m	
Overall length (stowed)	l ₉	4.50 m	
Overall height (stowed)	h ₁₈ ***	2.49 m	
Jib length	l ₁₃	1.46 m	
Counterweight offset (turret at 90°)	a ₇	0.19 m	
Internal turning radius / External turning radius	Wa ₃	1.71 m/4.11 m	
Ground clearance at centre of wheelbase	m ₂	0.32 m	
Wheelbase	y	2 m	
Performances		Metric	
Drive speed - stowed		5.20 km/h	
Drive speed - raised		1 km/h	
Gradeability		45 %	
Permissible leveling		4 °	
Wheels		Metric	
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		Metric	
Engine brand / model		Kubota - D1105-E4B	
Engine norm		Stage IIIA, Stage V	
Engine power (Hp / kW)		24.80 Hp / 18.50 kW	
Miscellaneous		Metric	
Ground Pressure		15 dan/cm ²	
Hydraulic Pressure		400 bar	
Hydraulic tank capacity		60 l	
Fuel		53 l	
Noise to environment (L _{WA})		< 100 dB	
Vibration on hands/arms		< 0.76 m/s ²	
Daily consumption **		4.41 l	
Standards compliance		Metric	
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

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