

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 Cured-On |
| 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 V |
| I.C. Engine power rating / Power | | 24.80 Hp / 18.50 kW |
| Miscellaneous | | |
| Ground Pressure | | 15 dan/cm2 |
| Hydraulic Pressure | | 400 bar |
| Hydraulic tank capacity | | 60 l |
| Fuel tank | | 53 l |
| Noise to environment (LwA) | | < 100 dB |
| Vibration on hands/arms | | < 0.76 m/s ² |
| Daily consumption ** | | 4.41 l |

*Varies according to options and standards of the country to which the machine is delivered

** According to "REDUCE cycle"

MAN'GO 12 - Load chart

Load Chart for MEWP Metric



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
Fuel gauge with low level indicator
Hom 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
Simplified lift control system
Stop & Go system

Optional

110 or 230V plug with differential circuit breaker
Audio warning on all motion
Battery cut-off
Biodegradable oil
Catalytic cleaner
Coded anti-start
Cold weather protection oil
High capacity starting battery
Initial verification report before putting into service
Key lock on turret cover
Lockable fuel cap
Non-marking tyres
On-board generator (3,5 or 5 kW)
SMS : Safe Man System
Safety harness
Screen protection on the lower box control
Spark arrester
Water heater
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



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