

Technical sheet :

# **MAN'GO 12**

---



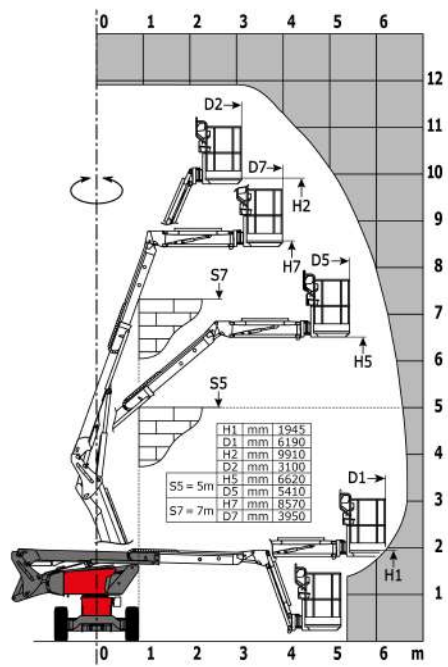
| Capacities                              |         | Metric                                                                                                         |
|-----------------------------------------|---------|----------------------------------------------------------------------------------------------------------------|
| Working height                          | h21     | 11.91 m                                                                                                        |
| Platform height                         | h7      | 9.91 m                                                                                                         |
| Max. outreach                           | r1      | 6.69 m                                                                                                         |
| Overhang                                | h31     | 4.80 m                                                                                                         |
| Pendular arm rotation (bottom)          |         | +70 °                                                                                                          |
| Platform capacity                       | Q       | 230 kg                                                                                                         |
| Turret rotation                         |         | 350 °                                                                                                          |
| Platform rotation (right / left)        |         | 70 ° / 66 °                                                                                                    |
| Number of people (inside / outside)     |         | 2 / 2                                                                                                          |
| Weight and dimensions                   |         |                                                                                                                |
| Platform weight*                        |         | 4150 kg                                                                                                        |
| Platform dimensions (length x width)    | lp / ep | 1.50 m x 0.98 m                                                                                                |
| Overall width                           | b1      | 1.80 m                                                                                                         |
| Overall length                          | l1      | 5.50 m                                                                                                         |
| Overall height                          | h17     | 2.02 m                                                                                                         |
| Overall length (stowed)                 | l9      | 4.50 m                                                                                                         |
| Overall height (stowed)                 | h18     | 2.49 m                                                                                                         |
| Floor height (access)                   | h20     | 0.30 m                                                                                                         |
| Jib length                              | l13     | 1.46 m                                                                                                         |
| Counterweight offset (turret at 90°)    | a7      | 0.19 m                                                                                                         |
| Internal turning radius (over tyres)    | b13     | 1.71 m                                                                                                         |
| External turning radius                 | Wa3     | 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                            |         | 40 %                                                                                                           |
| Permissible leveling                    |         | 4 °                                                                                                            |
| Wheels                                  |         |                                                                                                                |
| Tyres type                              |         | Solid Tyres Cured-On                                                                                           |
| 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                                                                                             |
| I.C. Engine power rating / Power (kW)   |         | 26 Hp / 18.50 kW                                                                                               |
| Miscellaneous                           |         |                                                                                                                |
| Ground Pressure                         |         | 15 daN/cm²                                                                                                     |
| Hydraulic Pressure                      |         | 398 Bar                                                                                                        |
| Hydraulic tank capacity                 |         | 60 l                                                                                                           |
| Fuel tank                               |         | 53 l                                                                                                           |
| Noise to environment (LwA)              |         | < 100 dB(A)                                                                                                    |
| Vibration on hands/arms                 |         | < 2.50 m/s²                                                                                                    |
| Daily consumption **                    |         | 4.41 l                                                                                                         |
| Standards compliance                    |         |                                                                                                                |
| This machine is in compliance with:     |         | European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage) |

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

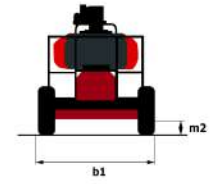
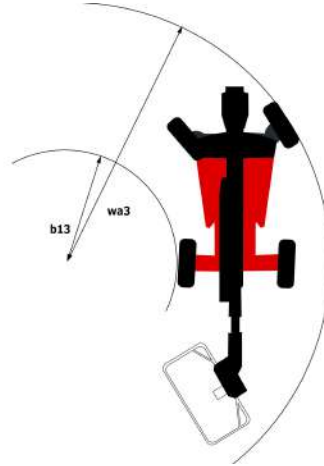
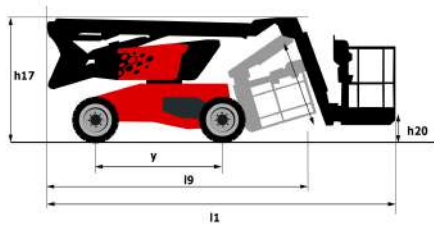
\*\* According to "REDUCE cycle"

# Load chart

Load Chart for AWP Metric



## 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  
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

## Optional

110 or 230V plug with differential circuit breaker  
Air predisposition  
Battery cut-off  
Beep on every movement  
Beep upon travel  
Biodegradable oil  
Catalytic cleaner  
Coded anti-start  
Extreme cold oil  
Highly capacity battery  
Initial verification report before putting into service  
Lockable fuel cap  
Non-marking tyres  
Onboard generator (3,5 or 5 kW)  
SMS : Safe Man System  
Safety harness  
Screen protection on the lower box control  
Spark arrester  
Turret cover with key lock  
Water heater  
Water predisposition  
Working light



Siège Social

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)



This brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes