

Technical sheet :

# MAN'GO 12

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 **MANITOU**  
HANDLING YOUR WORLD

| Capacities  |         | Metric               |
|---|---------|----------------------|
| Working height                                    | h21     | 11.91 m              |
| Floor height (access)                             | h20     | 0.39 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      |
| 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/s²          |
| 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                             |
| Highly capacity 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 hamess   |
| Screen protection on the lower box control              |
| Spark arrester  |
| Water heater  |
| Water predisposition                                    |
| Working light   |

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