

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 |
| 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/cm2 |
| Hydraulic Pressure | | 400 bar |
| Hydraulic tank capacity | | 60 l |
| Fuel tank capacity | | 53 l |
| Noise to environment (LwA) | | < 100 dB |
| Vibration on hands/arms | | < 0.76 m/s ² |
| 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
 Additional foot-operated horn
 Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
 Basket controls protection
 CAN bus technology
 Differential locking
 Driver presence pedal
 Easy Manager
 Emergency stop button in platform and on frame
 Fuel gauge with low level indicator
 Galvanized basket - Width: 1500 mm (4 ft. 11 in.)
 Hour meter
 Key lock on turret cover
 Leveling unlocking
 Management via engine speed bearing
 Manual emergency lowering
 Pendular arm
 Proportional controls
 Quick access to components
 Secondary Protection System (SPS)
 Simplified lift control system
 Stop & Go system

Optional

Anti-theft digicode
 Audio warning on all motion
 Audio warning on all motion - White noise
 Audio warning on translation
 Battery charger automatic start
 Battery cut-off
 Biodegradable oil
 Catalytic cleaner
 Charger plug - 110V - 16A - United Kingdom (G) type
 Cold weather protection oil
 Compressed air pipe pre-fitting
 Diesel filter on tank inlet
 Diesel tank locking cap
 Earthing and short-circuiting pre-fitting (Bolted ball)
 Easy Link - With access control keypad
 Easy Link - With remote lock
 High visibility reflective strips
 Higher capacity battery, to start the machine easily in cold countries.
 Hydraulic oil pre-heater
 Key lock on turret cover
 Key lock on turret cover
 LED amber strobe light on the basket
 LED work light - On basket
 Non-marking tires
 On-board generator (3,5 or 5 kW)
 Rail protection
 Safety harness
 Screen protection on the lower box control
 Spark arrester muffler
 Starter battery blanket
 Turret orientation detection
 Water pre-fitting

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