Technical sheet :

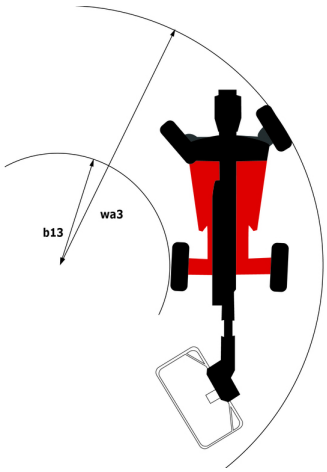
# MAN'GO 12

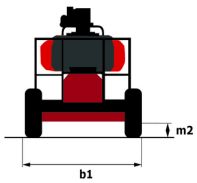
MANITOU
HANDLING YOUR WORLD

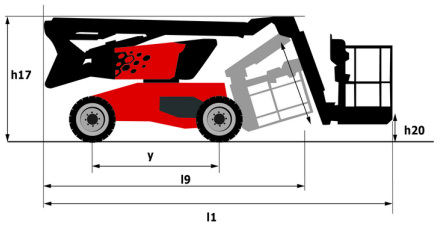
| Capacities | | Metric |
|---|---|---|
| Working height | h21 | 11.91 m |
| Platform height | h7 | 9.90 m |
| Maximum outreach | | 6.19 m |
| Overhang | | 4.80 m |
| Pendular arm rotation (top / bottom) | | +64 ° / -70 ° |
| Platform capacity | Q | 230 kg |
| Turret rotation | | 350 ° |
| Platform rotation (right / left) | | 70 ° / 66 ° |
| Number of people (indoor / outdoor) | | 2 / 2 |
| **Weight and dimensions** | | |
| 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 | | 53 l |
| Noise to environment (LwA) | | < 100 dB |
| Vibration on hands/arms | | < 0.76 m/s² |
| 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 |
| --- |
| Antitheft 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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