

Technical sheet :

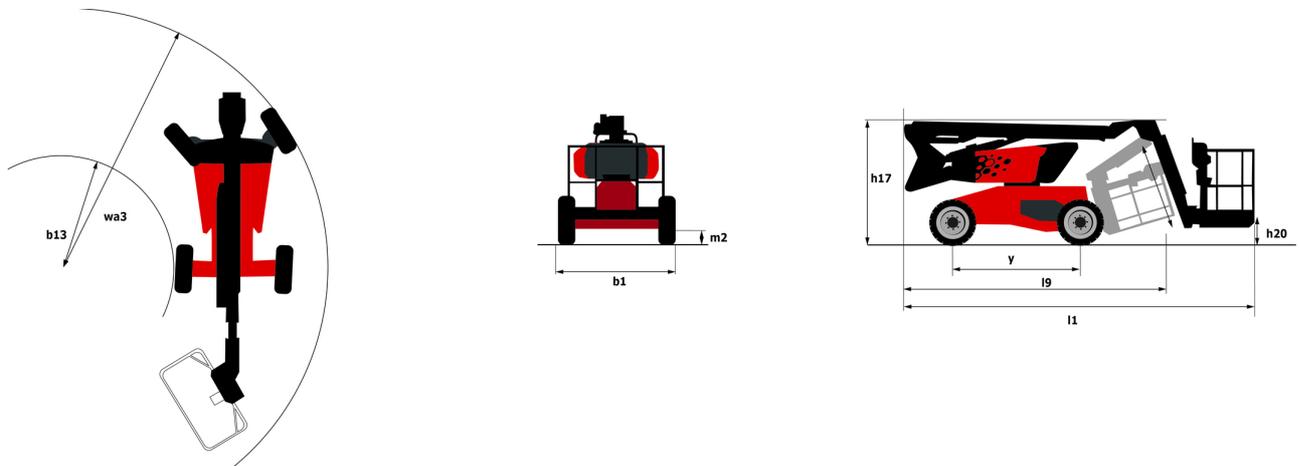
# MAN'GO 12



| 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/s <sup>2</sup>                                                                                                             |
| 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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