

Technical sheet :

MAN'GO 12



 **MANITOU**
HANDLING YOUR WORLD

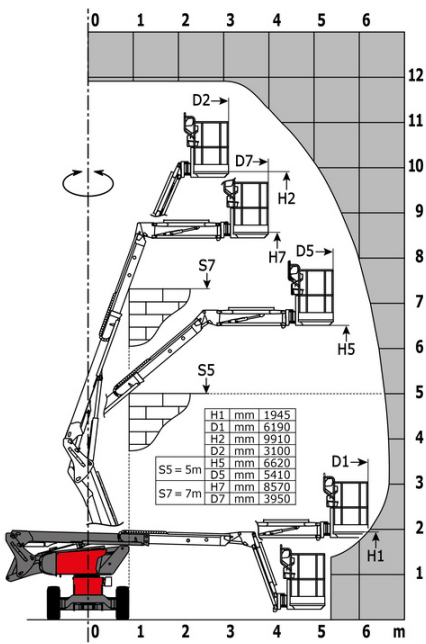
| Capacities | | Metric | Imperial |
|---|---------|----------------------|------------------------|
| Working height | h21 | 11.91 m | 39 ft 1 in |
| Floor height (access) | h20 | 0.39 m | 1 ft 3 in |
| Platform height | h7 | 9.90 m | 32 ft 6 in |
| Max. outreach | | 6.19 m | 20 ft 4 in |
| Overhang | | 4.80 m | 15 ft 9 in |
| Pendular arm rotation (top / bottom) | | +64 ° / -70 ° | +64 ° / -70 ° |
| Platform capacity | Q | 230 kg | 507 lb |
| Turret rotation | | 350 ° | 350 ° |
| Platform rotation (right / left) | | 70 ° / 66 ° | 70 ° / 66 ° |
| Number of people (indoor / outdoor) | | 2 / 2 | 2 / 2 |
| Weight and dimensions | | | |
| Platform weight* | | 4150 kg | 9149 lb |
| Platform dimensions (length x width) | lp / ep | 1.50 m x 0.98 m | 4 ft 11 in x 3 ft 3 in |
| Overall length | l1 | 5.50 m | 18 ft 1 in |
| Overall width | b1 | 1.80 m | 5 ft 11 in |
| Overall height | h17 | 2.02 m | 6 ft 8 in |
| Overall length (stowed) | l9 | 4.50 m | 14 ft 9 in |
| Overall height (stowed) ** | h18 | 2.49 m | 8 ft 2 in |
| Jib length | l13 | 1.46 m | 4 ft 9 in |
| Counterweight offset (turret at 90°) | a7 | 0.19 m | 7 in |
| External turning radius | Wa3 | 4.11 m | 13 ft 6 in |
| Ground clearance at centre of wheelbase | m2 | 0.32 m | 1 ft 1 in |
| Wheelbase | y | 2 m | 6 ft 7 in |
| Performances | | | |
| Drive speed - stowed | | 5.20 km/h | 3 mph |
| Drive speed - raised | | 1 km/h | 0.62 mph |
| Gradeability | | 45 % | 45 % |
| Permissible leveling | | 4 ° | 4 ° |
| Wheels | | | |
| Tires type | | Solid Tires Cured-On | Solid Tires Cured-On |
| Standard tires | | 720 x 240 mm | 720 x 240 mm |
| Drive wheels (front / rear) | | 2 / 2 | 2 / 2 |
| Steering wheels (front / rear) | | 2 / 0 | 2 / 0 |
| Braking wheels (front / rear) | | 2 / 2 | 2 / 2 |
| Engine/Battery | | | |
| Engine brand / model | | Kubota - D1105-E4B | Kubota - D1105-E4B |
| Engine norm | | Stage V | Stage V |
| I.C. Engine power rating / Power | | 24.80 Hp / 18.50 kW | 24.80 Hp / 18.50 kW |
| Miscellaneous | | | |
| Ground Pressure | | 15 dan/cm2 | 218 PSI |
| Hydraulic Pressure | | 400 bar | 5802 PSI |
| Hydraulic tank capacity | | 60 l | 16 US gal |
| Fuel tank | | 53 l | 14 US gal |
| Noise to environment (LwA) | | < 100 dB | < 100 dB |
| Vibration on hands/arms | | < 0.76 m/s² | < 0.76 m/s² |
| Daily consumption ** | | 4.41 l | 1 US gal |

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

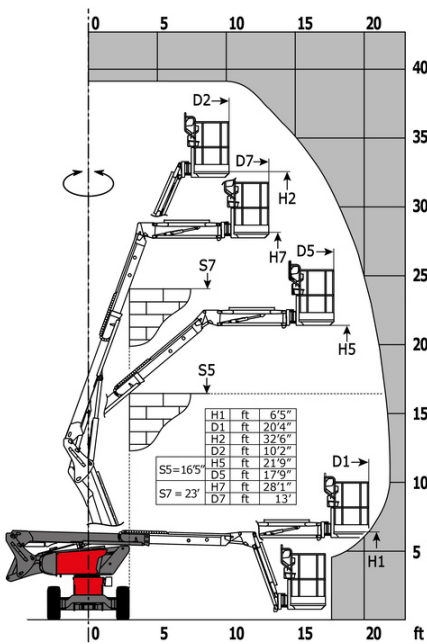
** According to "REDUCE cycle"

MAN'GO 12 - Load chart

Load Chart for MEWP Metric



Load Chart for MEWP (Imperial)



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 harness
Screen protection on the lower box control
Spark arrester
Water heater
Water predisposition
Working light



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