

Technical sheet :

MAN'GO 33

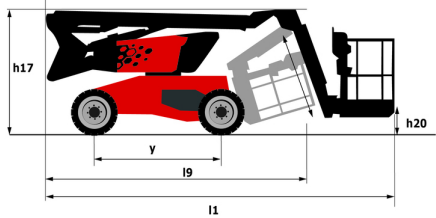
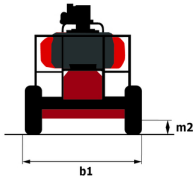
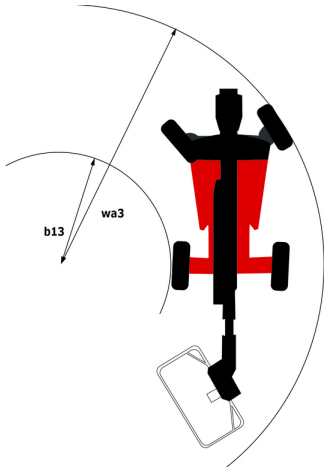


 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|---------|---|
| Working height | h21 | 11.71 m |
| Platform height | h7 | 9.90 m |
| Maximum outreach | | 6.69 m |
| Overhang | | 4.80 m |
| Pendular arm rotation (top / bottom) | | +64 ° / -70 ° |
| Platform capacity | Q | 227 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 | 0.40 m |
| Overall length | l1 | 5.50 m |
| Overall width | b1 | 1.80 m |
| Overall height | h17 | 2.01 m |
| Overall length (stowed) | l9 | 4.50 m |
| Overall height (stowed) | h18 *** | 2.49 m |
| Jib length | l13 | 1.46 m |
| Counterweight Oversize / Reach | | 0.19 m |
| External turning radius | Wa3 | 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 | | Super Elastic Solid Cushion |
| Standard tires | | 28 x 10 in / 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 | | Interim Tier 4, Stage IIIA, Stage V |
| I.C. Engine power rating / Power | | 24.80 Hp / 18.50 kW |
| Miscellaneous | | |
| Hydraulic Pressure | | 400 bar |
| Hydraulic tank capacity | | 60 l |
| Fuel tank | | 53 l |
| Vibration on hands/arms | | < 0.76 m/s² |
| Daily consumption ** | | 4.40 l |
| Standards compliance | | |
| This machine is in compliance with: | | ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC |

*Varies according to options and standards of the country to which the machine is delivered
** According to "REDUCE cycle"

MAN'GO 33 - Dimensional drawing



Equipment

Standard

110 V American plug with differential circuit breaker

3 Simultaneous movements

Audible alarm and illuminated indicator lamp (leveling, overload, lowering)

Basket 1,500 mm

Battery cut-off

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

Integrated diagnostic assistance

Key lock on fuel tank

Leveling unlocking

Lift and drive

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

Water heater

Optional

110 or 230V plug with differential circuit breaker

Battery blanket

Battery cut-off

Biodegradable oil

Cold weather protection oil

Engine compartment with key lock

Fan grille

High capacity starting battery

Hydraulic oil heater

Initial verification report before putting into service

Lockable fuel cap

Non-marking tyres

On-board generator (3,7 kW)

Screen protection on the lower box control

Secondary Protection System (SPS)

Sieve for fuel tank

Water predisposition

Working headlight in platform



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