

Technical sheet :

MAN'GO 12



0800 085 3709
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Aerial Platforms Ltd, Denebrook Court, Greenfold Way, Leigh, WN7 3XJ

Capacities		Metric
Working height	h21	11.91 m
Floor height (access)	h20	0.30 m
Platform height	h7	9.91 m
Max. outreach		6.69 m
Overhang		4.80 m
Pendular arm rotation (bottom)		+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
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
Floor height (access)	h20	0.30 m
Jib length	l13	1.46 m
Counterweight offset (turret at 90°)	a7	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		40 %
Permissible leveling		4 °
Wheels		
Tyres type		Solid Tyres Cured-On
Standard tyres		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 nom		Stage V
I.C. Engine power rating / Power (kW)		26 Hp / 18.50 kW
Miscellaneous		
Ground Pressure		15 dan/cm2
Hydraulic Pressure		398 bar
Hydraulic tank capacity		60 l
Fuel tank		53 l
Noise to environment (LWA)		< 100 dB
Vibration on hands / arms		< 2.50 m/s ²
Daily consumption **		4.41 l
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

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



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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

Optional

- 110 or 230V plug with differential circuit breaker
- Battery cut-off
- Beep on every movement
- Beep upon travel
- 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
- Onboard 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

MAN'GO 12 - Load chart

