

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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