Technical sheet :

## **MAN'GO 12**





	MA	N'GO 12 - Created on 14 March 2021 at 1
Capacities		Metric
Working height	h21	11.91 m
Platform height	h7	9.91 m
Max. outreach	r1	6.69 m
Overhang	h31	4.8 m
Pendular arm rotation (bottom)		+-70 °
Platform capacity	Q	230 kg
Turret rotation		350 °
Platform rotation (right / left)		70 ° / 66 °
Number of people (inside / outside)		2/2
Weight and dimensions		
Platform weight*		4150 kg
Platform dimensions (length x width)	lp/ep	1.5 m x 0.98 m
Overall width	b1	1.8 m
Overall length	11	5.5 m
Overall height	h17	2.02 m
Overall length (stowed)	19	4.5 m
Overall height (stowed)	h18	2.49 m
Floor height (access)	h20	0.3 m
Jib length	113	1.46 m
Counterweight offset (turret at 90°)	а7	0.19 m
Internal turning radius (over tyres)	b13	1.71 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		5.2 km/h
Drive speed - raised		1 km/h
Gradeability		40 %
Permissible leveling		4 °
Wheels		
Tyres type		Solid Tyres Cured-On
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 V
I.C. Engine power rating / Power (kW)		26 Hp / 18.5 kW
Miscellaneous		20110710.0100
Ground Pressure		15 daN/cm <sup>2</sup>
Hydraulic Pressure		398 Bar
Hydraulic tank capacity		60
Fuel tank		53
Noise to environment (LwA)		< 100 dB(A)
Vibration on hands/arms		< 100 dB(A) < 2.5 m/s <sup>2</sup>
Daily consumption **		4.41
Standards compliance		46411
Standards compilance		European directives: 2006/42/EC- M
This machine is in compliance with:		(revised EN280:2013) - 2004/108/EC 2006/95/EC (Low voltage)

ctives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) -2006/95/EC (Low voltage)

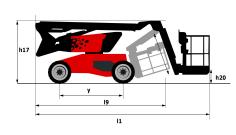
\*Varies according to options and standards of the country to which the machine is delivered \*\* According to "REDUCE cycle"

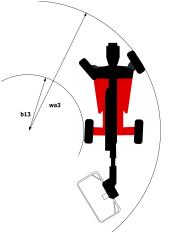
## Load chart

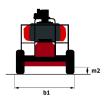
0 2 3 4 5 1 6 12 D2→ 11 10 D7→ H2 9 D5→ 8 H7 S7 ↓ ₿<sub>∏</sub> 7 ∱ H5 6 S5 ↓ 5 H1 D1 H2 194 4 D1→  $S5 = 5m \frac{H5}{D5}$  $S7 = 7m \frac{H7}{D7}$ 3 2 н<sub>1</sub> 1 || | ) I 2 3 4 5 6 m 0 1

Load Chart for AWP Metric

## Dimensional drawing





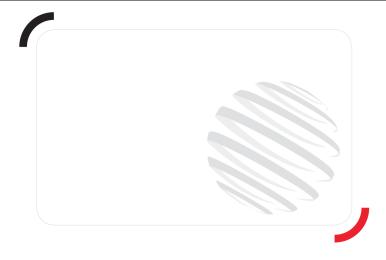


## Equipment

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 Fruel gauge with low level indicator Hom in the platform Hom in the platform Hom the platform Hour meter Leveling unlocking Management via engine speed bearing Manage ment via engine speed bearing Managel mergency lowering Proportional controls Proportional controls Protective cover for control panel Quick access to components	
Audible alarm and illuminated indicator lamp (leveling, overload, lowering) Basket 1,500 mm CAN bus technology Dead man pedal Differential locking Easy Manager Energency stop button in platform and on frame Evel gauge with low level indicator Horn 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	Standard
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 Horn in the platform Hour meter Leveling unlocking Management via engine speed bearing Management via engine speed bearing Manual emergency lowering Pendular arm Proportional controls Protective cover for control panel Quick access to components	3 Simultaneous movements
CAN bus technology   Dead man pedal   Differential locking   Easy Manager   Emergency stop button in platform and on frame   Fuel gauge with low level indicator   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	Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
Dead man pedal Differential locking Easy Manager Emergency stop button in platform and on frame Fuel gauge with low level indicator Horn in the platform Hour meter Leveling unlocking Management via engine speed bearing Management via engine speed bearing Pendular arm Proportional controls Protective cover for control panel Quick access to components	Basket 1,500 mm
Differential locking Easy Manager Emergency stop button in platform and on frame Fuel gauge with low level indicator Horn in the platform Hour meter Leveling unlocking Management via engine speed bearing Management via engine speed bearing Manual emergency lowering Pendular arm Proportional controls Protective cover for control panel Quick access to components	CAN bus technology
Easy Manager Emergency stop button in platform and on frame Fuel gauge with low level indicator Horn in the platform Hour meter Leveling unlocking Management via engine speed bearing Management via engine speed bearing Pendular arm Proportional controls Protective cover for control panel Quick access to components	Dead man pedal
Emergency stop button in platform and on frame Emergency stop button in platform and on frame Evel gauge with low level indicator Horn 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	Differential locking
Fuel gauge with low level indicator Horn 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	Easy Manager
Horn 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	Emergency stop button in platform and on frame
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	Fuel gauge with low level indicator
Leveling unlocking Management via engine speed bearing Manual emergency lowering Pendular arm Proportional controls Protective cover for control panel Quick access to components	Horn in the platform
Management via engine speed bearing Manual emergency lowering Pendular arm Proportional controls Protective cover for control panel Quick access to components	Hour meter
Manual emergency lowering Pendular arm Proportional controls Protective cover for control panel Quick access to components	Leveling unlocking
Pendular arm Proportional controls Protective cover for control panel Quick access to components	Management via engine speed bearing
Proportional controls Protective cover for control panel Quick access to components	Manual emergency lowering
Protective cover for control panel Quick access to components	Pendular arm
Quick access to components	Proportional controls
	Protective cover for control panel
Simplified lift control system	Quick access to components
	Simplified lift control system

Optional
110 or 230V plug with differential circuit breaker
Air predisposition
Battery cut-off
Beep on every movement
Beep upon travel
Biodegradable oil
Catalytic cleaner
Coded anti-start
Extreme cold oil
Highly capacity battery
Initial verification report before putting into service
Lockable fuel cap
Non-marking tyres
Onboard generator (3,5 or 5 kW)
SMS : Safe Man System
Safety harness

Optional
Screen protection on the lower box control
Spark arrester
Turret cover with key lock
Water heater
Water predisposition
Working light





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