Technical sheet :

MAN'GO 12

MANITOU
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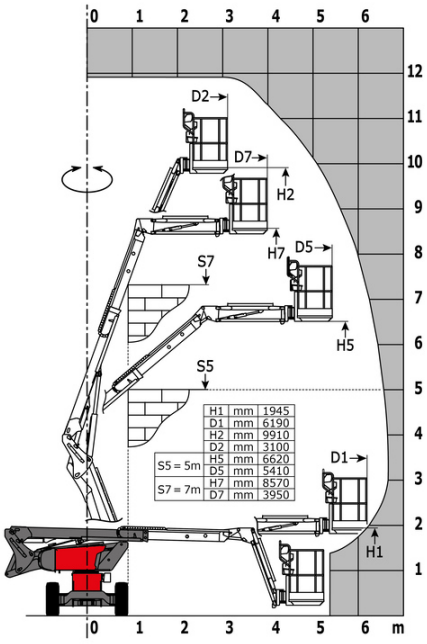
Capacities		Metric
Working height	h21	11.91 m
Platform height	h7	9.91 m
Max. outreach		6.69 m
Overhang		4.80 m
Pendular arm rotation (bottom)		+-70 °
Platform capacity	Q	230 kg
Turret rotation		350 °
Platform rotation (right / left)		70 ° / 66 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
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 norm		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/s²
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"

MAN'GO 12 - Load chart

Load Chart for AWP Metric



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
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
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

MANITOU
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Head Office
B.P. 249 - 430 rue de l'Aubinière
44150 Ancenis Cedex - France
Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97
www.manitou.com

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