Technical sheet :

MAN'GO 12



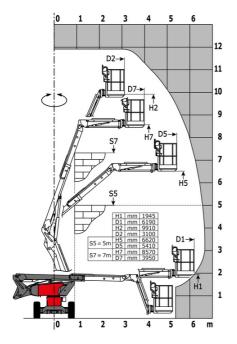


	MAN'GO 12 Created on May 5, 2024 at 10:38:59 PM	UTC
Capacities	Metric	
Working height	h21 11.91 m	
Floor height (access)	h20 0.39 m	
Platform height	h7 9.90 m	
Max. outreach	6.19 m	
Overhang	4.80 m	
Pendular arm rotation (top / bottom)	+64 ° / -70 °	
Platform capacity	Q 230 kg	
Turret rotation	350 °	
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	
Overall length	l1 5.50 m	
Overall width	b1 1.80 m	
Overall height	h17 2.02 m	
Overall length (stowed)	19 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 Cured-On	
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 V	
I.C. Engine power rating / Power	24.80 Hp / 18.50 kW	
Miscellaneous		
Ground Pressure	15 dan/cm2	
Hydraulic Pressure	400 bar	
Hydraulic tank capacity	60 1	
Fuel tank	53 1	
Noise to environment (LwA)	< 100 dB	
Vibration on hands/arms	< 0.76 m/s ²	
Daily consumption **	4.41	

*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 MEWP Metric



Equipment

St		

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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
Stop & Go system

Optional

110 or 230V plug with differential circuit breaker
Audio warning on all motion
Battery cut-off
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
On-board generator (3,5 or 5 kW)
SMS : Safe Man System
Safety hamess
Screen protection on the lower box control
Spark arrester
Water heater
Water predisposition
Working light



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