Technical sheet :

MAN'GO 12





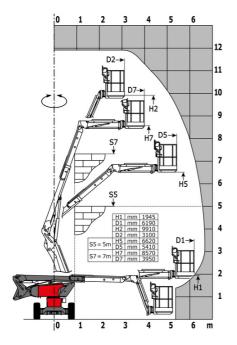
MAN'GO 12	Created on May	20, 2024 at	1:25:42 PM UTC
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Capacities		Metric
Working height	h21	11.91 m
Floor height (access)	h20	0.39 m
Platform height	h7	9.90 m
Max. outreach		6.19 m
Overhang		4.80 m
Pendular arm rotation (top / bottom)		+64 ° / -70 °
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	11	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	113	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		24.00 Hp / 10.00 kH
Ground Pressure		15 dan/cm2
Hydraulic Pressure		400 bar
Hydraulic oil tank capacity		60 1
Fuel tank		53 1
Noise to environment (LwA)		< 100 dB
Vibration on hands/arms		< 100 dB < 0.76 m/s ²
Daily consumption **		4.41
Dany consumption		4.411

*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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