Technical sheet:

MAN'GO 12





Capacities		Metric	Imperial
Working height	h21	11.91 m	39 ft 1 in
Floor height (access)	h20	0.39 m	1 ft 3 in
Platform height	h7	9.90 m	32 ft 6 in
Max. outreach		6.19 m	20 ft 4 in
Overhang		4.80 m	15 ft 9 in
Pendular arm rotation (top / bottom)		+64 ° / -70 °	+64 ° / -70 °
Platform capacity	Q	230 kg	507 lb
Turret rotation		350 °	350 °
Platform rotation (right / left)		70 ° / 66 °	70 ° / 66 °
Number of people (indoor / outdoor)		2/2	2/2
Weight and dimensions			
Platform weight*		4150 kg	9149 lb
Platform dimensions (length x width)	lp / ep	1.50 m x 0.98 m	4 ft 11 in x 3 ft 3 in
Overall length	l1	5.50 m	18 ft 1 in
Overall width	b1	1.80 m	5 ft 11 in
Overall height	h17	2.02 m	6 ft 8 in
Overall length (stowed)	19	4.50 m	14 ft 9 in
Overall height (stowed) **	h18	2.49 m	8 ft 2 in
Jib length	l13	1.46 m	4 ft 9 in
Counterweight offset (turret at 90°)	a7	0.19 m	7 in
External turning radius	Wa3	4.11 m	13 ft 6 in
Ground clearance at centre of wheelbase	m2	0.32 m	1 ft 1 in
Wheelbase	у	2 m	6 ft 7 in
Performances			
Drive speed - stowed		5.20 km/h	3 mph
Drive speed - raised		1 km/h	0.62 mph
Gradeability		45 %	45 %
Permissible leveling		4 °	4 °
Wheels			
Tires type		Solid Tires Cured-On	Solid Tires Cured-On
Standard tires		720 x 240 mm	720 x 240 mm
Drive wheels (front / rear)		2/2	2/2
Steering wheels (front / rear)		2/0	2 / 0
Braking wheels (front / rear)		2/2	2/2
Engine/Battery			
Engine brand / model		Kubota - D1105-E4B	Kubota - D1105-E4B
Engine norm		Stage V	Stage V
I.C. Engine power rating / Power		24.80 Hp / 18.50 kW	24.80 Hp / 18.50 kW
Miscellaneous			
Ground Pressure		15 dan/cm2	218 PSI
Hydraulic Pressure		400 bar	5802 PSI
Hydraulic tank capacity		60 I	16 US gal
Fuel tank		53 I	14 US gal
		**	-
		< 100 dB	< 100 dB
Noise to environment (LwA) Vibration on hands/arms		< 100 dB < 0.76 m/s ²	< 100 dB < 0.76 m/s ²

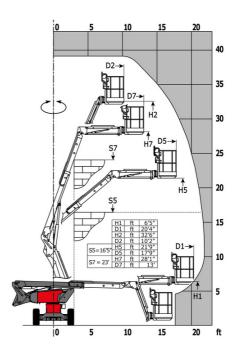
^{*}Varies according to options and standards of the country to which the machine is delivered ** According to "REDUCE cycle"

MAN'GO 12 - Load chart

Load Chart for MEWP Metric

0 1 2 3 4 5 6 D2 H2 B1 1mm 1945 B1 1mm 1945 B1 1mm 19910 D2 mm 3100 D2 mm 3100 D2 mm 3100 D2 mm 3100 D3 mm 6520 S7 = 7m | D7 | mm 8570 S7 = 7m | D7 | mm 8570 S7 = 7m | D7 | mm 3550 S7 = 7m | D7 | mm 350

Load Chart for MEWP (Imperial)



Equipment

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 harness Screen protection on the lower box control Spark arrester Water heater Water predisposition Working light





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