Technical sheet :

MAN'GO 12



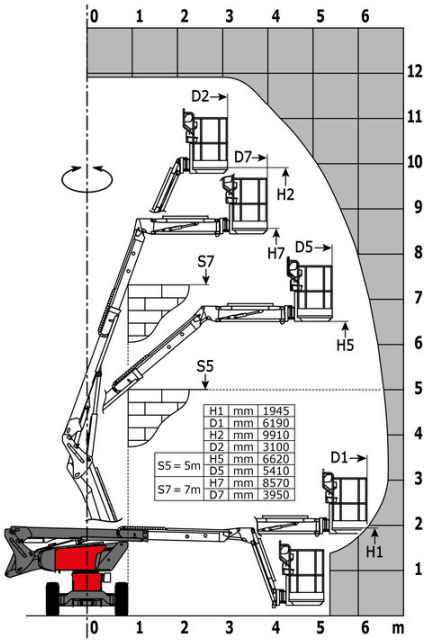
MANITOU
HANDLING YOUR WORLD

Capacities		Metric
Working height	h21	11.91 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
Floor height (access)	h20	0.39 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
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
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 IIIA, Stage V
Engine power (Hp / kW)		24.80 Hp / 18.50 kW
Miscellaneous		
Ground Pressure		15 daN/cm2
Hydraulic Pressure		400 bar
Hydraulic tank capacity		60 l
Fuel tank capacity		53 l
Noise to environment (LwA)		< 100 dB
Vibration on hands/arms		< 0.76 m/s²
Daily consumption **		4.41 l

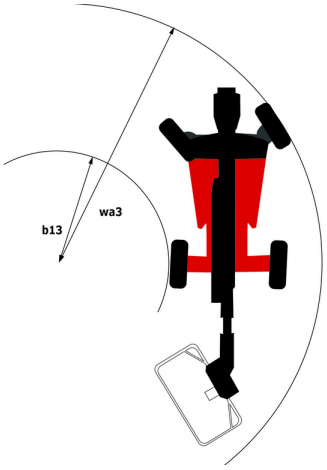
*Varies according to options and standards of the country to which the machine is delivered
** According to "REDUCE cycle"

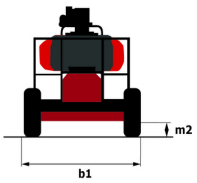
MAN'GO 12 - Load chart

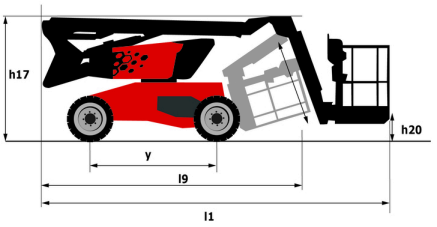
Load Chart for MEWP Metric



MAN'GO 12 - Dimensional drawing







Equipment

Standard
3 Simultaneous movements
Additional foot-operated horn
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
Basket controls protection
CAN bus technology
Differential locking
Driver presence pedal
Easy Manager
Emergency stop button in platform and on frame
Fuel gauge with low level indicator
Galvanized basket - Width: 1500 mm (4 ft. 11 in.)
Hour meter
Leveling unlocking
Management via engine speed bearing
Manual emergency lowering
Pendular arm
Proportional controls
Quick access to components
Simplified lift control system
Stop & Go system

Optional
Antitheft digicode
Audio warning on all motion
Battery cut-off
Biodegradable oil
Catalytic cleaner
Charger plug - 110V - 16A - United Kingdom (G) type
Cold weather protection oil
Diesel tank locking cap
Engine pre-heater
Higher capacity battery, to start the machine easily in cold countries.
Initial verification report before putting into service
Key lock on turret cover
LED work light - On basket
Non-marking tlres
On-board generator (3,5 or 5 kW)
Safe Man System (SMS)
Safety harness
Screen protection on the lower box control
Spark arrester muffler
Water pre-fitting

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