

Technical sheet :

# MAN'GO 12

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 **MANITOU**  
HANDLING YOUR WORLD

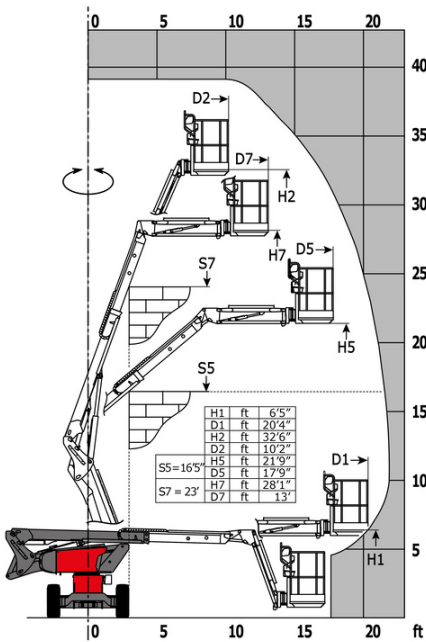
Capacities		Imperial
Working height	h21	39 ft 1 in
Floor height (access)	h20	1 ft 3 in
Platform height	h7	32 ft 6 in
Max. outreach		20 ft 4 in
Overhang		15 ft 9 in
Pendular arm rotation (top / bottom)		+64 ° / -70 °
Platform capacity	Q	507 lb
Turret rotation		350 °
Platform rotation (right / left)		70 ° / 66 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		9149 lb
Platform dimensions (length x width)	lp / ep	4 ft 11 in x 3 ft 3 in
Overall length	l1	18 ft 1 in
Overall width	b1	5 ft 11 in
Overall height	h17	6 ft 8 in
Overall length (stowed)	l9	14 ft 9 in
Overall height (stowed) **	h18	8 ft 2 in
Jib length	l13	4 ft 9 in
Counterweight offset (turret at 90°)	a7	7 in
External turning radius	Wa3	13 ft 6 in
Ground clearance at centre of wheelbase	m2	1 ft 1 in
Wheelbase	y	6 ft 7 in
Performances		
Drive speed - stowed		3 mph
Drive speed - raised		0.62 mph
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		218 PSI
Hydraulic Pressure		5802 PSI
Hydraulic tank capacity		16 US gal
Fuel tank		14 US gal
Noise to environment (LwA)		< 100 dB
Vibration on hands/arms		< 0.76 m/s <sup>2</sup>
Daily consumption **		1 US gal

\*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 (Imperial)



# 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  
Hom 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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