Technical sheet :

MAN'GO 33



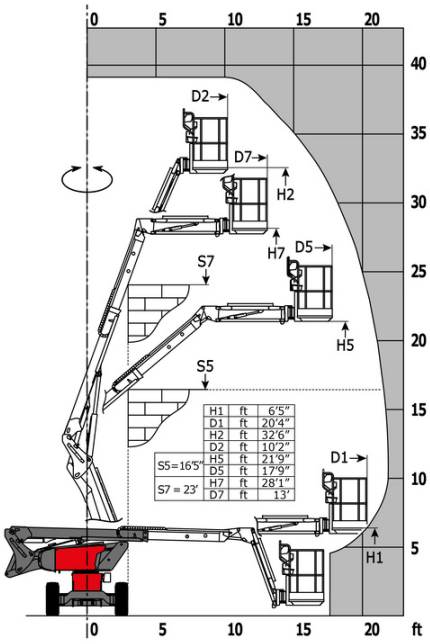
MANITOU
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Working height	h21	11.91 m	39 ft 1 in
Floor height (access)	h20	0.40 m	1 ft 4 in
Platform height	h7	9.90 m	32 ft 6 in
Max. outreach		6.69 m	21 ft 11 in
Overhang		4.80 m	15 ft 9 in
Pendular arm rotation (top / bottom)		+64 ° / -70 °	+64 ° / -70 °
Platform capacity	Q	227 kg	500 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	2.01 m	6 ft 7 in
Overall length (stowed)	l9	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 Oversize / Reach		0.19 m	7 in
Internal turning radius (over tyres)	b13	1.72 m	5 ft 8 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	y	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		Super Elastic Solid Cushion	Super Elastic Solid Cushion
Standard tires		28 x 10 in / 720 x 240 mm	28 x 10 in / 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		Interim Tier 4, Stage IIIA, Stage V	Interim Tier 4, Stage IIIA, 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 l	16 US gal
Fuel tank		53 l	14 US gal
Vibration on hands/arms		< 0.76 m/s²	< 0.76 m/s²
Daily consumption **		4.40 l	1 US gal
Standards compliance			
This machine is in compliance with:		ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC	ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC

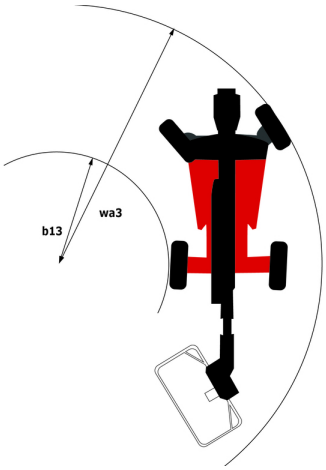
*Varies according to options and standards of the country to which the machine is delivered
** According to "REDUCE cycle"

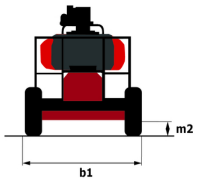
MAN'GO 33 - Load chart

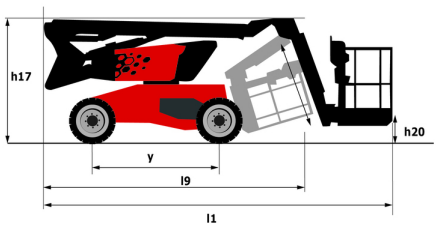
Load Chart for MEWP (Imperial)



MAN'GO 33 - Dimensional drawing







Equipment

Standard
110 V American plug with differential circuit breaker
3 Simultaneous movements
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
Basket 1,500 mm
Battery cut-off
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
Integrated diagnostic assistance
Key lock on fuel tank
Leveling unlocking
Lift and drive
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
Water heater

Optional
110 or 230V plug with differential circuit breaker
Battery blanket
Battery cut-off
Biodegradable oil
Cold weather protection oil
Fan grille
Highly capacity battery
Hydraulic oil heater
Initial verification report before putting into service
Key lock on turret cover
Lockable fuel cap
Non-marking tyres
On-board generator (3,7 kW)
SMS : Safe Man System
Screen protection on the lower box control
Sieve for fuel tank
Water predisposition
Working headlight in platform

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