Technical sheet:

MAN'GO 12



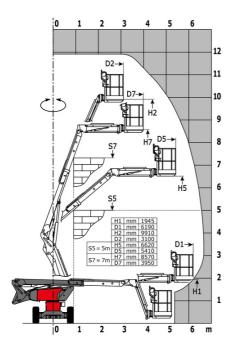


Capacities		Metric
Working height	h21	11.91 m
Floor height (access)	h20	0.39 m
Platform height	h7	9.90 m
Max. outreach	,	6.19 m
Overhang		4.80 m
Pendular arm rotation (top / bottom)		+64 ° / -70 °
Platform capacity	0	230 kg
Turret rotation	4	350 °
Platform rotation (right / left)		70 ° / 66 °
Number of people (indoor / outdoor)		2/2
Weight and dimensions		272
Platform weight*		4150 kg
Platform dimensions (length x width)	lp / ep	1.50 m x 0.98 m
Overall length	I1	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	I13	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	у	2 m
Performances	y	2 111
Drive speed - stowed		5.20 km/h
Drive speed - raised		1 km/h
Gradeability		45 %
Permissible leveling		4°
Wheels		4
Tires type		Solid Tires Cured-On
Standard tires		720 x 240 mm
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2/2
Braking wheels (front / rear)		2/2
Engine/Battery		212
Engine brand / model		Kubota - D1105-E4B
Engine norm		Stage V
I.C. Engine power rating / Power		24.80 Hp / 18.50 kW
Miscellaneous		24.60 np / 16.50 kW
Ground Pressure		15 dan/cm2
		400 bar
Hydraulic Pressure Hydraulic tank capacity		400 bai
Fuel tank		53 I
Noise to environment (LwA)		53 I < 100 dB
Vibration on hands/arms		< 100 aB < 0.76 m/s²
Vibration on nanos/arms Daily consumption **		< 0.76 m/s² 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



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





Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes