Technical sheet:

# MAN'GO 12



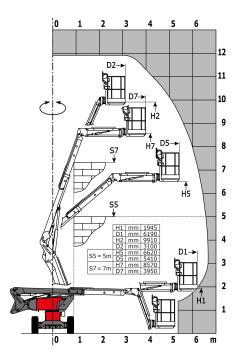


Capacities		Metric
Working height	h21	11.91 m
Platform height	h7	9.91 m
Max. outreach	r1	6.69 m
Overhang	h31	4.8 m
Pendular arm rotation (bottom)		+-70 °
Platform capacity	Q	230 kg
Turret rotation		350 °
Platform rotation (right / left)		70 ° / 66 °
Number of people (inside / outside)		2/2
Weight and dimensions		
Platform weight*		4150 kg
Platform dimensions (length x width)	lp/ep	1.5 m x 0.98 m
Overall width	b1	1.8 m
Overall length	l1	5.5 m
Overall height	h17	2.02 m
Overall length (stowed)	 I9	4.5 m
Overall height (stowed)	h18	2.49 m
Floor height (access)	h20	0.3 m
lib length	l13	1.46 m
Counterweight offset (turret at 90°)	a7	0.19 m
Internal turning radius (over tyres)	b13	1.71 m
		4.11 m
External turning radius Ground clearance at centre of wheelbase	Wa3	
	m2	0.32 m
Wheelbase	У	2 m
Performances		521 /
Drive speed - stowed		5.2 km/h
Drive speed - raised		1 km/h
Gradeability		40 %
Permissible leveling		4 °
Wheels		
Tyres type		Solid Tyres Cured-On
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 (kW)		26 Hp / 18.5 kW
Miscellaneous		
Ground Pressure		15 daN/cm²
Hydraulic Pressure		398 Bar
Hydraulic tank capacity		60 I
Fuel tank		53
Noise to environment (LwA)		100 dB(A)
Vibration on hands/arms		< 2.5 m/s
Daily consumption **		4.41
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

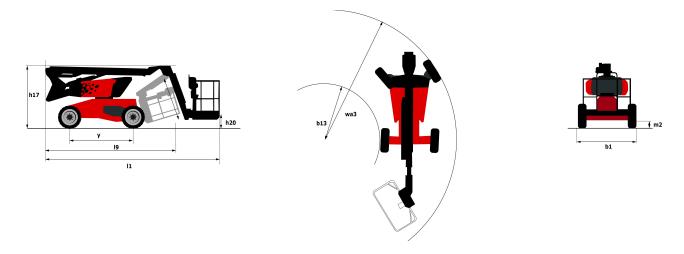
 $<sup>\</sup>star \text{Varies}$  according to options and standards of the country to which the machine is delivered  $\star \star \text{According}$  to "REDUCE cycle"

## Load chart





### **Dimensional drawing**



### **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
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

#### Optional

110 or 230V plug with differential circuit breaker

Air predisposition

Battery cut-off

Beep on every movement

Beep upon travel

Biodegradable oil

Catalytic cleaner Coded anti-start

Extreme cold oil

Highly capacity battery

Initial verification report before putting into service

Lockable fuel cap

Non-marking tyres

Onboard generator (3,5 or 5 kW)

SMS : Safe Man System

Safety harness

#### Optional

Screen protection on the lower box control

Spark arrester

Turret cover with key lock

Water heater

Water predisposition

Working light





Siège Social 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 brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in thisbrochure are provided for information only.

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