

Technical sheet :

MAN'GO 33

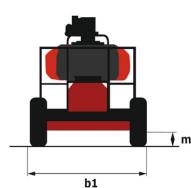
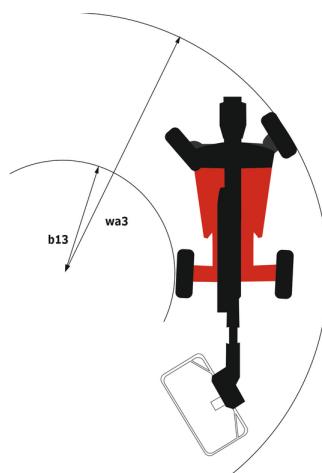
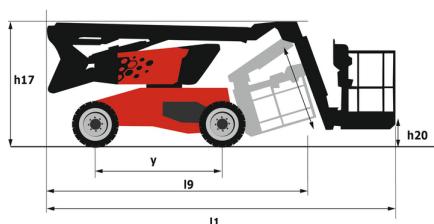


 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric
Working height	h21	11.91 m
Platform height	h7	9.91 m
Max. outreach		6.69 m
Overhang		4.80 m
Pendular arm rotation (bottom)		+70 °
Platform capacity	Q	227 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)	l _p / ep	1.50 m x 0.98 m
Overall width	b1	1.80 m
Overall length	l1	5.50 m
Overall height	h17	2.01 m
Overall length (stowed)	l9	4.50 m
Overall height (stowed)	h18	2.49 m
Floor height (access)	h20	0.40 m
Jib length	l13	1.46 m
Internal turning radius (over tyres)	b13	1.72 m
External turning radius	Wa3	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		40 %
Permissible leveling		4 °
Wheels		
Tires type		Super Elastic Solid Cushion
Dimensions of front wheels / rear wheels		0,72 x 0,24 - 0,72 x 0,24
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 nom		Interim Tier 4, Stage IIIA, Stage V
I.C. Engine power rating / Power (kW)		18.49 kW / 18.50 kW
Miscellaneous		
Ground Pressure		15 dan/cm ²
Hydraulic Pressure		400 bar
Hydraulic tank capacity		60 l
Fuel tank		53 l
Vibration on hands/arms		< 0.50 m/s ²
Daily consumption **		4.40 l
Standards compliance		
This machine is in compliance with:		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 - Dimensional drawing



Equipment

Standard

110 V plug with differential circuit breaker

3 Simultaneous movements

Audible alarm and illuminated indicator lamp (levelling, 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

Levelling 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

Water heater

Optional

110 or 230V plug with differential circuit breaker

Battery blanket

Battery cut-off

Beep on every movement

Beep upon travel

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)

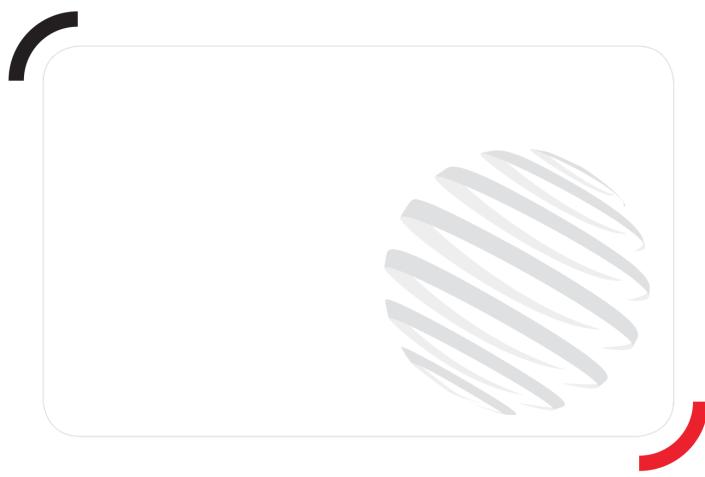
SMS : Safe Man System

Screen protection on the lower box control

Sieve for fuel tank

Water predisposition

Working headlight in platform


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



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