

Technical sheet :

180 ATJ



Capacities		Metric
Working height	h21	18.19 m
Platform height	h7	16.19 m
Max. outreach	r1	10.51 m
Overhang	h31	7.55 m
Pendular arm rotation (bottom)		+59.5 °
Platform capacity	Q	230 kg
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (inside / outside)		2 / 2
Weight and dimensions		
Platform weight*		7430 kg
Platform dimensions (length x width)	lp / ep	1.8 m x 0.8 m
Overall width	b1	2.32 m
Overall length	l1	7.79 m
Overall height	h17	2.47 m
Overall length (stowed)	l9	5.56 m
Overall height (stowed)	h18	2.56 m
Floor height (access)	h20	0.4 m
Counterweight offset (turret at 90°)	a7	0.22 m
Internal turning radius (over tyres)	b13	1.38 m
External turning radius	Wa3	3.75 m
Ground clearance at centre of wheelbase	m2	0.4 m
Wheelbase	y	2.2 m
Performances		
Drive speed - stowed		5 km/h
Drive speed - raised		1 km/h
Gradeability		45 %
Permissible leveling		5 °
Wheels		
Tyres type		Foam-filled
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Engine brand / model		Kubota - D1105-E4B
Engine norm		Stage V
I.C. Engine power rating / Power (kW)		24.8 Hp / 18.5 kW
Miscellaneous		
Ground Pressure		10 daN/cm ²
Hydraulic Pressure		340 Bar
Hydraulic tank capacity		54 l
Fuel tank		52 l
Vibration on hands/arms		< 0 m/s
Daily consumption **		4.27 l
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)

Equipment

Standard
220V predisposition in the platform
4 simultaneous movements
4 wheel drive
4 wheel steer with crab mode
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
Backup electrical pump
Basket 1,800 mm
CAN bus technology
Differential locking on rear axle

Standard

Easy Manager

Emergency stop button in platform and on frame

Fuel gauge with low level indicator

Fully galvanized basket with demountable floor

Hour meter

Leveling unlocking

Load sensing pump

Operator presence pedal

Oscillating front axle

Rear axle with limited slip differential

Steer and rotate

Stop & Go system

Optional

Air predisposition

Battery charger

Battery cut-off

Beep on every movement

Beep upon travel

Biodegradable oil

Coded anti-start

Continuous turret rotation

Exhaust line protection, spark arrestor and fume reduction system

Extreme cold oil

Fully galvanized basket 1800mm with lateral door

Galvanized basket 2,100 mm

Highly capacity battery

Lockable fuel cap

Onboard generator (3,5 or 5 kW)

Personalized paintwork

SPS : Secondary protection system

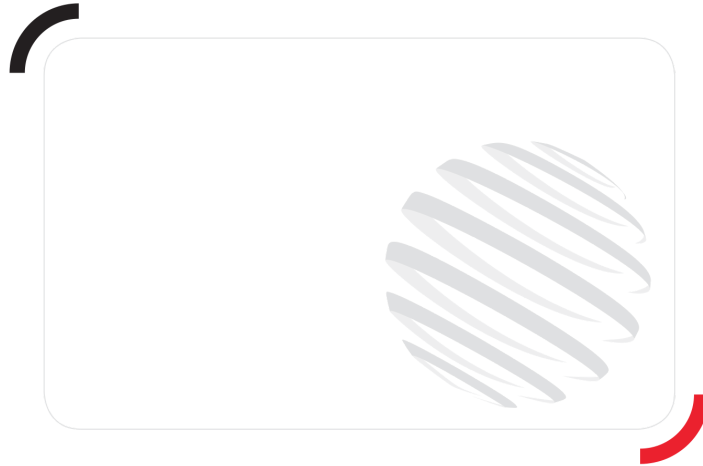
Safety harness

Spark arrestor

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 this brochure 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