Technical sheet:

180 ATJ CR



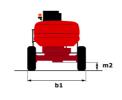


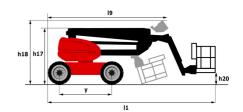
	180 ATJ CR CIEdi	180 ATJ CR Gleated on September 9, 2025 at 11.07 PM OTC	
Capacities		Metric	
Working height	h21	18.18 m	
Platform height	h7	16.18 m	
Maximum outreach		10.51 m	
Overhang		7.42 m	
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °	
Platform capacity	Q	230 kg	
Turret rotation		360 °	
Platform rotation (right / left)		90 ° / 90 °	
Number of people (indoor / outdoor)		2/2	
Weight and dimensions			
Platform weight*		7430 kg	
Platform dimensions (length x width)	lp / ep	1.80 m x 0.80 m	
Floor height (access)	h20	0.43 m	
Overall length	I1	7.79 m	
Overall width	b1	2.32 m	
Overall height	h17	2.47 m	
Overall length (stowed)	19	5.56 m	
Overall height (stowed)	h18 ***	2.56 m	
Counterweight offset (turret at 90Ű)	a7	0.22 m	
External turning radius	Wa3	3.63 m	
Ground clearance at centre of wheelbase	m2	0.40 m	
Wheelbase		2.20 m	
Performances	у	2:20 111	
Drive speed - stowed		5 km/h	
Drive speed - raised		1 km/h	
Gradeability		45 %	
Permissible leveling		5 °	
Wheels			
Tires type		Foam-filled Foam-filled	
Drive wheels (front / rear)		2 / 2	
Steering wheels (front / rear)		2/2	
Braking wheels (front / rear)		0/2	
Engine/Battery		072	
Engine brand / model		Kubota - D1105-E4B	
Engine norm			
•		Stage V	
I.C. Engine power rating / Power		24.80 Hp / 18.50 kW	
Miscellaneous		40.1	
Ground Pressure		10 dan/cm2	
Hydraulic Pressure		340 bar	
Hydraulic tank capacity		54 I	
Fuel tank		52	
Daily consumption **		4.27 l	
Standards compliance			
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - EMC according to EN 12895 / 2015 +A1 / 2019	

 $[\]star Varies$ according to options and standards of the country to which the machine is delivered

180 ATJ CR - Dimensional drawing







Equipment

Water predisposition

220V predisposition in the platform 3D 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 Continuous turret rotation Differential locking on rear axle Easy Link with 2 year Service Emergency stop button in platform and on frame Engine compartment with key lock Fuel gauge with low level indicator Fully galvanized basket with removable floor - Width: 2100 mm (6 ft. 11 in.) Hour meter Integrated diagnostic assistance Leveling unlocking Load sensing pump Operator presence pedal Oscillating front axle Secondary Protection System (SPS) Steer and rotate Stop & Go system

Optional Battery charger Battery cut-off Coded anti-start Cold weather protection oil Exhaust line protection, spark arrestor and fume reduction system Fully galvanized basket 1800mm / 5'11" with lateral door Galvanized basket 2,100 mm Galvanized basket with side swing gate - Width: 2100 mm (6 ft. 11 in.) High capacity starting battery Lockable fuel cap Non-marking tyres On-board generator (3,5 or 5 kW) Personalized paintwork Safety kit - Harness + helmet Socket 230 V + differential circuit breaker Spark arresting muffer Water heater





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