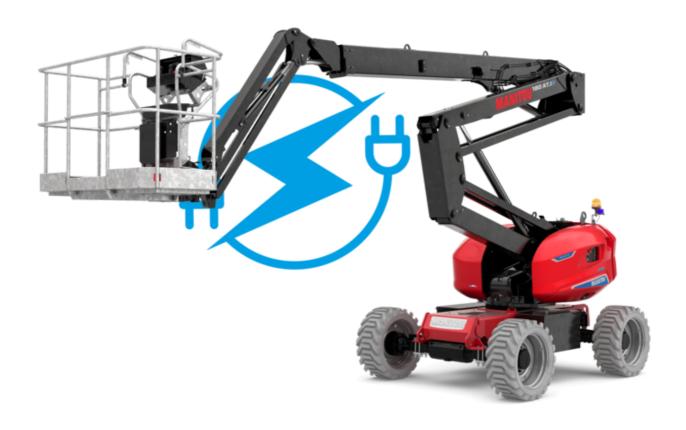
Technical sheet:

180 ATJ 🗲 RC





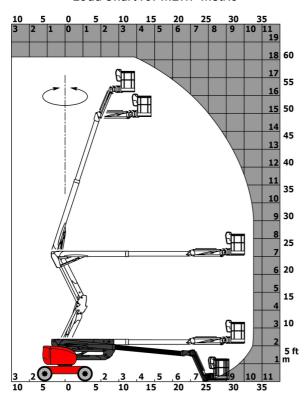


Capacities		Metric
Working height	h21	18.19 m
Platform height	h7	16.19 m
Maximum outreach		10.33 m
Overhang		7.43 m
Pendular arm rotation (left / right)		90 ° / 90 °
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °
Platform capacity	Q	250 kg
Turret rotation		360 °
Platform rotation (right / left)		90°/90°
Number of people (indoor / outdoor)		2/2
Weight and dimensions		
Platform weight*		7550 kg
Platform dimensions (length x width)	lp / ep	1.80 m x 0.80 m
Floor height (access)	h20	0.45 m
Overall length	I1	7.61 m
Overall width	b1	2.32 m
Overall height	h17	2.48 m
Overall length (stowed)	19	5.43 m
Overall height (stowed)	h18 ***	2.52 m
Counterweight offset (turret at 90°)	a7	0.40 m
Counterweight Oversize / Reach	u,	0.40 m
External turning radius	Wa3	3.75 m
Ground clearance at centre of wheelbase	m2	0.40 m
Wheelbase	V	2.30 m
Performances	y	2.30 III
Drive speed - stowed		5 km/h
Drive speed - raised		1 km/h
Gradeability		45 %
Permissible leveling		5 °
Wheels		3
Tires type		Foam Filled Non Marking
Standard tires		914 x 381 mm / 36X15D610
		2 / 2
Drive wheels (front / rear)		
Steering wheels (front / rear)		2 / 2
Braking wheels (front / rear)		0 / 2
Engine/Battery		40.14
Battery voltage		48 V
Battery nominal voltage / capacity		48 V / 480 Ah
Battery energy		23 kW/h
On-board charger (V / A)		48 V / 60 A
Miscellaneous		10.4- / 2
Ground Pressure		10 dan/cm2
Hydraulic Pressure		240 bar
Hydraulic tank capacity		24
Noise to environment (LwA)		< 98 dB
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC)

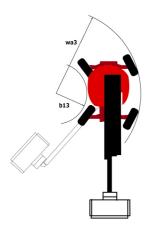
^{*}Varies according to options and standards of the country to which the machine is delivered ** According to "REDUCE cycle" $\,$

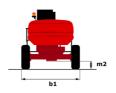
180 ATJ e RC - Load chart

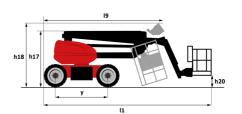
Load Chart for MEWP Metric



180 ATJ e RC - Dimensional drawing







Equipment

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

CAN bus technology

Continuous turret rotation

Differential locking on rear axle

Easy Link with 2 year Service

Easy Manager

Emergency stop button in platform and on frame

Fully galvanized basket with removable floor - Width: 2100 mm (6 ft. 11 in.)

Galvanized basket 1,800 mm

Horn in the platform

Hour meter

LED rotating beacon

Large color screen on turret

Leveling unlocking

Load sensing pump

Operator presence pedal

Oscillating front axle

Reserve mode

Screen information in the basket

Secondary Protection System (SPS)

Secondary Protection System (SPS) - With LED red strobe lights

Simplified lifting system without spreader bar

Slinging and securing rings

Steer and rotate

Turret orientation information

Optional

110 V electric plug 16A

Audio warning on all motion

Audio warning on all motion - White noise

Audio warning on movement

Audio warning on translation - White noise

Biodegradable hydraulic oil - Grade 32

Biodegradable oil

Bottom screen protection

Continuous turret rotation

Digicode anti-theft device

Earthing and shortcircuiting pre-fitting (Bolted ball)

Easy Link - With access control keypad

Easy link with remote lock

Electric centralized filling

Engine compartment with key lock

External pneumatic supply source

Foam-filled tires 914 x 381 mm / 36X15D610

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.)

Hydraulic oil heater

Key lock on turret covers

Lighting pack

Locking the telescope by parameter setting

OSS - Operation Safety System Packing for containerization

Personalized paintwork

Rail protection

Safety kit - Hamess + helmet

Socket 230 V + differential circuit breaker

Two safety kits (helmet + harness)

Water heater

Water predisposition

Working light (x1) on basket





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