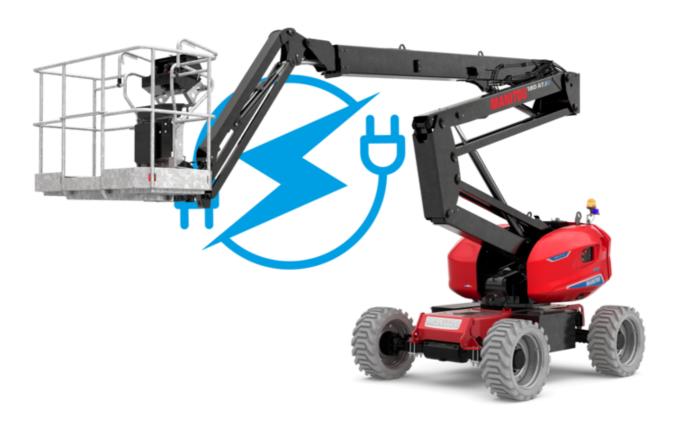
Technical sheet :







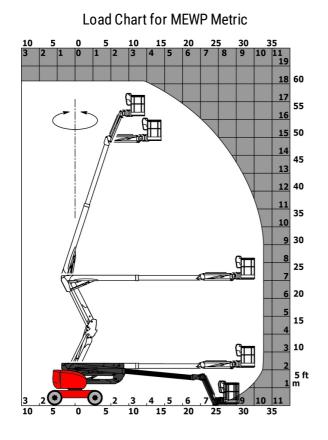


80 ATJ E	Created on	September 16	, 2025 at	5:22 AM UTC

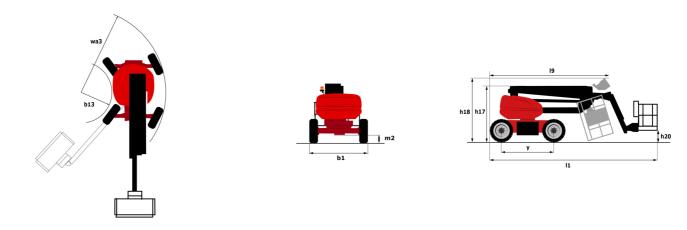
	180 ATJ E Crea	тво ат је Created on September 16, 2025 at 5:22 AM UT		
Capacities		Metric		
Working height	h21	18.19 m		
Platform height	h7	16.19 m		
Maximum outreach		10.33 m		
Dverhang		7.43 m		
Pendular arm rotation (left / right)		90 ° / 90 °		
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °		
Platform capacity	0	250 kg		
urret rotation	ų	350 °		
latform rotation (right / left)		90°/90°		
lumber of people (indoor / outdoor)		2 / 2		
/eight and dimensions				
latform weight*		7550 kg		
latform dimensions (length x width)	lp / ep	1.80 m x 0.76 m		
loor height (access)	h20	0.45 m		
verall length	11	7.61 m		
Iverall width	b1	2.32 m		
verall height	h17	2.48 m		
verall length (stowed)	19	5.43 m		
verall height (stowed)	h18 ***	2.83 m		
ounterweight offset (turret at 90Ű)	a7	0.40 m		
ounterweight Oversize / Reach		0.40 m		
xtemal tuming radius	Wa3	3.75 m		
round clearance at centre of wheelbase	m2	0.40 m		
Vheelbase	V	2.30 m		
Performances	y	2.30 m		
Irive speed - stowed		5.30 km/h		
Irive speed - raised		0.70 km/h		
radeability		45 %		
		45 % 5 °		
ermissible leveling		5		
/heels				
ires type		Foam Filled Non Marking		
tandard tires		914 x 381 mm / 36X15D610		
rive wheels (front / rear)		2/2		
teering wheels (front / rear)		2/2		
raking wheels (front / rear)		0 / 2		
ngine/Battery				
attery voltage		48 V		
attery nominal voltage / capacity		48 V / 480 Ah		
attery energy		23 kW/h		
n-board charger (V / A)		48 V / 60 A		
liscellaneous				
umber of cycles with STD Battery (HIRD)		48		
round Pressure		10.50 dan/cm2		
ydraulic Pressure		240 bar		
ydraulic tank capacity		240 bai		
ound pressure level (platform work station) (LpA)		70 dB		
ibration on hands/arms		< 2.50 m/s ²		
		< 2.50 m/s*		
tandards 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 - Load chart



180 ATJ e - Dimensional drawing



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		
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.)		
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		
Simplified lifting system without spreader bar		
Slinging and securing rings		
Steer and rotate		
Turret orientation information		

Optional		
Audio warning on all motion - White noise		
Biodegradable hydraulic oil - Grade 32		
Biodegradable oil		
Bottom screen protection		
Continuous turret rotation		
Digicode anti-theft device		
Easy Link - With access control keypad		
Easy link with remote lock		
Electric centralized filling		
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 basice 2, roo mini Galvanized basice 2, roo mini Galvanized basice 2, roo mini		
Key lock on turret covers		
Lighting pack		
Locking the telescope by parameter setting		
OSS - Operation Safety System		
Personalized paintwork		
Safety kit - Hamess + helmet		
Socket 230 V + differential circuit breaker		
Water heater		
Water predisposition		



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