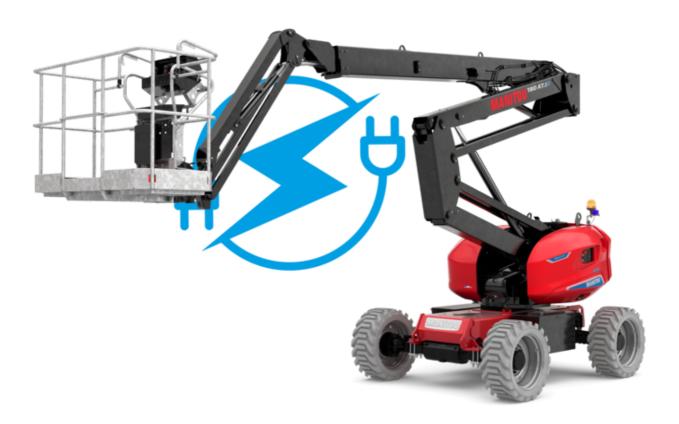
Technical sheet :







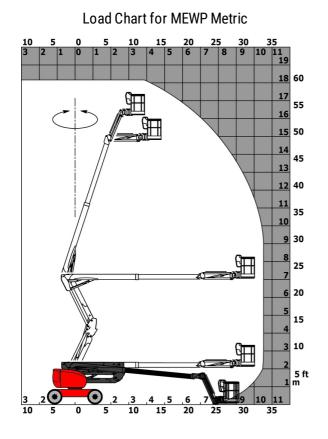


	0		01 0005	-+ 11.05	
180 ATJ E	Created o	on August	21, 2025	at 11:05 A	

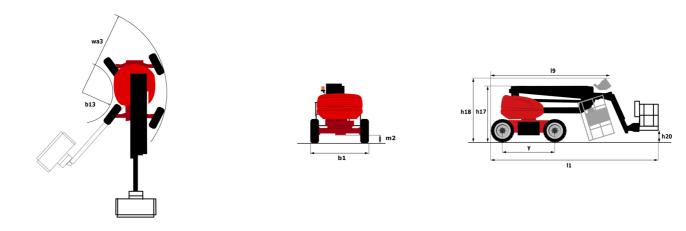
Capacities		Metric
Vorking height	h21	18.19 m
Natform height	h7	16.19 m
Aaximum outreach		10.33 m
lverhang		7.43 m
Pendular arm rotation (left / right)		90 ° / 90 °
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °
Platform capacity	Q	250 kg
urret rotation		350 °
Natform rotation (right / left)		90 ° / 90 °
lumber of people (indoor / outdoor)		2/2
Veight 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	1	7.61 m
Iverall width	b1	2.32 m
)verall height	h17	2.48 m
)verall length (stowed)	19	5.43 m
Dverall height (stowed)	h18 ***	2.83 m
Counterweight offset (turret at 90°)	a7	0.40 m
Counterweight Oversize / Reach	d7	0.40 m
-	Wa3	0.40 m 3.75 m
External turning radius		
Ground clearance at centre of wheelbase	m2	0.40 m
Wheelbase	у	2.30 m
Performances		
Drive speed - stowed		5.30 km/h
Drive speed - raised		0.70 km/h
Gradeability		45 %
Permissible leveling		5 °
Vheels		
ïres type		Foam Filled Non Marking
Standard tires		914 x 381 mm / 36X15D610
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Battery voltage		48 V
Battery nominal voltage / capacity		48 V / 480 Ah
Battery energy		23 kW/h
Dn-board charger (V / A)		48 V / 60 A
Viscellaneous		
Number of cycles with STD Battery (HIRD)		48
Ground Pressure		10.50 dan/cm2
lydraulic Pressure		240 bar
lydraulic tank capacity		241
Sound pressure level (platform work station) (LpA)		70 dB
/ibration on hands/arms		< 2.50 m/s <sup>2</sup>
Standards compliance		< 2.30 III/8 <sup>-</sup>
nandards compinance		European directives: 2006/42/EC- Machin

\*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.)			
Hom 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 basket with side swing gate - Width: 2100 mm (6 ft. 11 in.)
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



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