Technical sheet:

# 180 ATJ 🗲





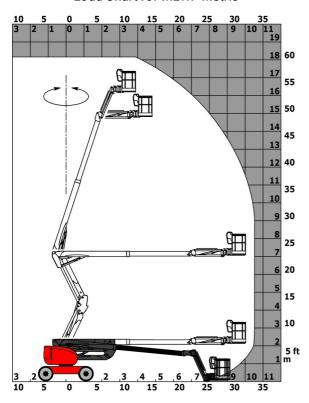


	ISOAIDE Cleated off August 17, 2020 at 12.00	
Capacities	Metric	
Working height	h21 18.19 m	
Platform height	h7 16.19 m	
Maximum outreach	10.33 m	
Overhang	7.43 m	
Pendular arm rotation (left / right)	90°/90°	
Pendular arm rotation (top / bottom)	+65 ° / -59.50 °	
Platform capacity	Q 250 kg	
Turret rotation	350 °	
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 0.76 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 *** 2.83 m	
Counterweight offset (turret at 90°)	a7 0.40 m	
Counterweight Oversize / Reach	0.40 m	
External turning radius	Wa3 3.75 m	
Ground clearance at centre of wheelbase	m2 0.40 m	
Wheelbase	y 2.30 m	
Performances	y 2.30 III	
Drive speed - stowed	5.30 km/h	
Drive speed - raised	0.70 km/h	
Gradeability	45 %	
Permissible leveling	5°	
Wheels		
Tires 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	0 / 2	
Battery voltage	48 V	
Battery nominal voltage / capacity	48 V / 480 Ah	
	23 kW/h	
Battery energy On-board charger (V / A)	48 V / 60 A	
Miscellaneous	40 V / 00 A	
	48	
Number of cycles with STD Battery (HIRD)		
Ground Pressure	10.50 dan/cm2	
Hydraulic Pressure	240 bar	
Hydraulic tank capacity	24	
Sound pressure level (platform work station) (LpA)	70 dB	
Vibration on hands/arms	< 2.50 m/s²	
Standards compliance		
This machine is in compliance with:	European directives: 2006/42/EC- Mac (revised EN280:2013) - 2004/108/EC (	ninery (EMC)

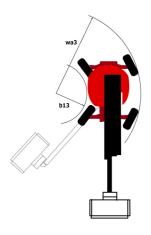
<sup>\*</sup>Varies according to options and standards of the country to which the machine is delivered \*\* According to "REDUCE cycle"  $\,$ 

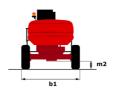
## 180 ATJ e - Load chart

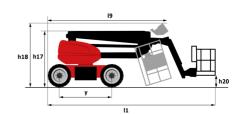
## Load Chart for MEWP Metric



180 ATJ e - 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

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 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 - Harness + 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