Technical sheet:

# 180 ATJ



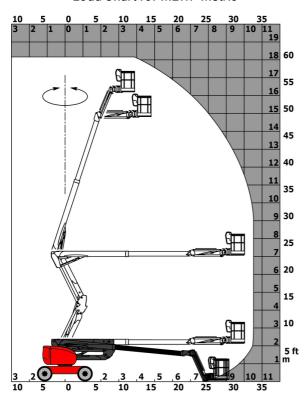


	180AIJ (	reated on May 3, 2024 at 6:20:36 AM L
Capacities		Metric
Working height	h21	18.19 m
Floor height (access)	h20	0.40 m
Platform height	h7	16.19 m
lax. outreach		10.51 m
lverhang		7.55 m
Pendular arm rotation (bottom)		+-59.50 °
Platform capacity	Q	230 kg
urret rotation		350 °
latform rotation (right / left)		90 ° / 90 °
lumber of people (indoor / outdoor)		2 / 2
Veight and dimensions		
latform weight*		7430 kg
latform dimensions (length x width)	lp / ep	1.80 m x 0.80 m
verall length	I1	7.79 m
Iverall width	b1	2.32 m
Iverall height	h17	2.47 m
verall length (stowed)	19	5.56 m
verall height (stowed)	h18	2.56 m
ounterweight offset (turret at 90°)	a7	0.22 m
ounterweight Oversize / Reach	u.	0.22 m
xternal turning radius	Wa3	3.75 m
round clearance at centre of wheelbase	m2	0.40 m
/heelbase	v	2.20 m
reformances		2.20
rive speed - stowed		5 km/h
rive speed - raised		1 km/h
radeability		45 %
emissible leveling		5 °
/heels		Ü
ires type		Foam-filled
rive wheels (front / rear)		2 / 2
teering wheels (front / rear)		2/2
raking wheels (front / rear)		0 / 2
ngine/Battery		0 / 2
ingine/patiery		Kubota - D1105-E4B
ngine brand / moder		Interim Tier 4, Stage IIIA, Stage V
C. Engine power rating / Power		24.80 Hp / 18.50 kW
discellaneous		24.60 Hp / 16.30 kW
round Pressure		10 dan/cm2
ydraulic Pressure		340 bar
ydraulic tank capacity		54
uel tank		52
ibration on hands/arms		< 0 m/s²
aily consumption **		4.26 l
Standards compliance		
his machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

<sup>\*</sup>Varies according to options and standards of the country to which the machine is delivered

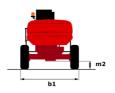
## 180 ATJ - Load chart

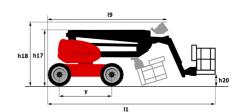
## Load Chart for MEWP Metric



180 ATJ - 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 Manager Emergency stop button in platform and on frame Fuel gauge with low level indicator Fully galvanized basket with demountable floor Leveling unlocking Load sensing pump Operator presence pedal Oscillating front axle Rear axle with limited slip differential Steer and rotate Stop & Go system

Optional
Battery charger
Battery cut-off
Biodegradable oil
Coded anti-start
Cold weather protection oil
Continuous turret rotation
Exhaust line protection, spark arrestor and fume reduction system
Fully galvanized basket 1800mm / 5'11" with lateral door
Galvanized basket 2,100 mm
Highly capacity battery
Lockable fuel cap
On-board generator (3,5 or 5 kW)
Personalized paintwork
Safety hamess
Secondary Protection System (SPS)
Spark arrester
Water heater
Water predisposition
Working light





#### **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