Technical sheet :









	100711210	realed of 7 agast 12, 2020 at 5.00 1 m 010
Capacities		Metric
Working height	h21	16.03 m
Platform height	h7	14.05 m
Maximum outreach		8.11 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*		6784 kg
Platform dimensions (length x width)	lp / ep	1.80 m x 0.76 m
Floor height (access)	h20	0.46 m
Overall length	120	6.50 m
Overall width	b1	2.32 m
Overall height	h17	2.32 m
	19	4.48 m
Overall length (stowed)	h18 ***	2.77 m
Overall height (stowed)		0.85 m
Counterweight offset (turret at 90°)	a7	
Counterweight Oversize / Reach		0.26 m
External turning radius	Wa3	3.75 m
Ground clearance at centre of wheelbase	m2	0.35 m
Wheelbase	у	2.30 m
Performances		
Drive speed - stowed		5.20 km/h
Drive speed - raised		0.70 km/h
Gradeability		45 %
Permissible leveling		5 °
Wheels		
Tires type		Foam Filled Non Marking
Standard tires		840 x 295 mm / 33x12 D610
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
On-board charger (V / A)		48 V / 60 A
Miscellaneous		
Number of cycles with STD Battery (HIRD)		58
Ground Pressure		13 dan/cm2
Hydraulic Pressure		250 bar
Hydraulic tank capacity		24
Sound pressure level (platform work station) (LpA)		70 dB
Vibration on hands/arms		< 2.50 m/s²
Standards compliance		
		European directives: 2006/42/EC- Machinery
This machine is in compliance with:		(revised EN280:2013) - 2004/108/EC (EMC)

тво ат J е Created on August 12, 2025 at 9:56 PM UTC

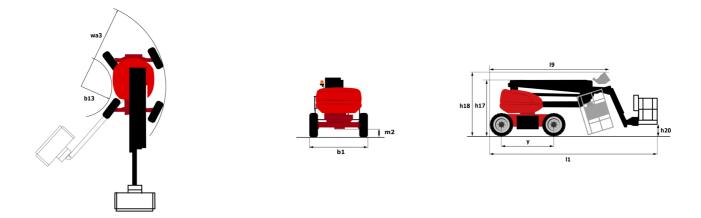
\*Varies according to options and standards of the country to which the machine is delivered \*\* According to "REDUCE cycle"  $\,$ 

## 160 ATJ e - Load chart

## Load Chart for MEWP Metric



160 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
CAN bus technology
Dead man pedal
Differential locking on rear axle
Easy Link with 2 year Service
Easy Manager
Emergency stop button in platform and on frame
Front axle with limited slip
Fully galvanized basket with removable floor - Width: 2100 mm (6 ft. 11 in.)
Galvanized basket 1,800 mm
Hom in the platform
Hour meter
LED rotating beacon
Large color screen on turret
Leveling unlocking
Load sensing pump
Oscillating front axle
Reserve mode
Screen information in the basket
Simplified lifting system without spreader bar
Slinging and securing rings
Steer and rotate

Optional	ric plug 16A
	ing on all motion
	ing on all motion - White noise
	ing on movement
	ing on translation - White noise
	ble hydraulic oil - Grade 32
-	en protection
	turret rotation
	nti-theft device
2	d shortcircuiting pre-fitting (Bolted ball)
5	With access control keypad
	ith remote lock
	ntralized filling
	npartment with key lock
-	eumatic supply source
	tires 914 x 381 mm / 36X15D610
Fully galvar	nized 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 o	il heater
Iron wheel	package
Key lock on	turret covers
Lighting pa	ck
Locking the	e telescope by parameter setting
Non-markin	ig Foam Inflated Tires 914 x 381 mm / 36x15D610
OSS - Opera	ation Safety System
Personalize	ed paintwork
Rail protect	ion
Safety kit -	Hamess + helmet
Socket 230	V + differential circuit breaker
Two safety	kits (helmet + harness)
Water predi	sposition
Working lig	ht (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