Technical sheet :

# **160 ATJ 4WS ST5 RC**





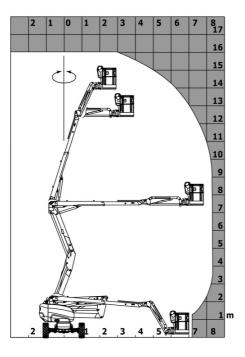
#### 160 ATJ 4WS ST5 RC Created on September 9, 2025 at 9:31 AM UTC

Capacities		Metric	
Working height	h21	16.02 m	
Platform height	h7	14.02 m	
Maximum outreach	117	8.30 m	
		7.40 m	
Overhang		+59.50 °	
Pendular arm rotation (bottom)			
Platform capacity	Q	230 kg	
Turret rotation		360 °	
Platform rotation (right / left)		90°/90°	
Number of people (indoor / outdoor)		2/2	
Weight and dimensions			
Platform weight*		6118 kg	
Platform dimensions (length x width)		0 m x 0.80 m	
Floor height (access)	h20	0.40 m	
Overall length	11	6.68 m	
Overall width	b1	2.38 m	
Overall height	h17	2.37 m	
Overall length (stowed)	19	4.44 m	
Overall height (stowed)	h18 ***	2.63 m	
Counterweight offset (turret at 90Ű)	а7	0.19 m	
External turning radius	Wa3	3.63 m	
Ground clearance at centre of wheelbase	m2	0.36 m	
Wheelbase	у	2.20 m	
Performances			
Drive speed - stowed		5 km/h	
Drive speed - raised		1 km/h	
Gradeability		45 %	
Permissible leveling		5 °	
Wheels			
Tires type		Foam-filled	
Drive wheels (front / rear)		2 / 2	
Steering wheels (front / rear)		2/2	
Braking wheels (front / rear)		0/2	
Engine/Battery			
Engine brand / model	Kubo	ota - D1105-E4B	
Engine norm	Interim Tie	Interim Tier 4, Stage IIIA, Stage V	
I.C. Engine power rating / Power		24.50 Hp / 18.50 kW	
Miscellaneous		· · · · ·	
Ground Pressure	11	.60 dan/cm2	
Hydraulic Pressure		340 bar	
Hydraulic tank capacity		54.20 1	
Fuel tank		52	
Noise to environment (LwA)		52 i < 105 dB	
Daily consumption **		4.51 l	
Standards compliance		11ViT	
This machine is in compliance with:	(revised EN280-1:202	res: 2006/42/EC- Machinery 22) - 2004/108/EC (EMC) - EMC 1 12895 / 2015 +A1 / 2019	

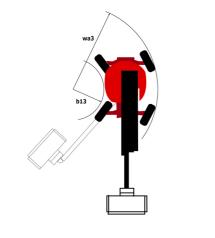
\*Varies according to options and standards of the country to which the machine is delivered \*\* According to "REDUCE cycle"  $\,$ 

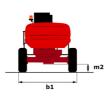
### 160 ATJ 4WS ST5 RC - Load chart

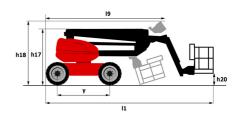
### Load Chart for MEWP Metric



160 ATJ 4WS ST5 RC - 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
Continuous turret rotation
Dead man pedal
Differential locking on rear axle
Easy Link with 2 year Service
Emergency stop button in platform and on frame
Engine compartment with key lock
Front axle with limited slip
Fuel gauge with low level indicator
Fully galvanized basket with removable floor - Width: 2100 mm (6 ft. 11 in.)
Hom in the platform
Hour meter
Integrated diagnostic assistance
Leveling unlocking
Load sensing pump
Oscillating front axle
Secondary Protection System (SPS)
Steer and rotate
Stop & Go system

Optional
Battery charger
Battery cut-off
Biodegradable hydraulic oil - Grade 32
Coded anti-start
Cold weather protection oil
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.)
High capacity starting battery
Lockable fuel cap
Non-marking tyres
On-board generator (3,5 or 5 kW)
Personalized paintwork
Safety kit - Hamess + helmet
Socket 230 V + differential circuit breaker
Spark arresting muffer
Tires - 910x370 mm (36x15 in.) - D610 - Foam filled
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