Technical sheet :

# 160 ATJ 4WS ST5 RC





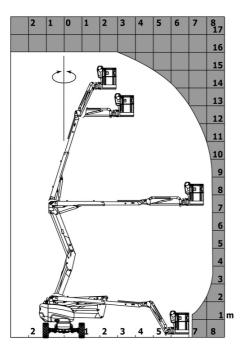
#### 160 ATJ 4WS ST5 RC Created on August 12, 2025 at 6:29 PM UTC

	160 A1J 4WS SI 5 RC	Cleated Off August 12, 2025 at 0.29 FWI OTC
Capacities		Metric
Working height	h21	16.02 m
Platform height	h7	14.02 m
Maximum outreach		8.30 m
Overhang		7.40 m
Pendular arm rotation (bottom)		+59.50 °
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)	lp / ep	1.80 m x 0.80 m
Floor height (access)	h20	0.40 m
Overall length	1	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 90°)	a7	0.19 m
External turning radius	Wa3	3.63 m
Ground clearance at centre of wheelbase	m2	0.36 m
Wheelbase	y	2.20 m
Performances	y y	2.20 111
		5 km/h
Drive speed - stowed		1 km/h
Drive speed - raised		45 %
Gradeability		45 % 5 °
Permissible leveling		5
Wheels		Foam-filled
Tires type		
Drive wheels (front / rear)		2/2
Steering wheels (front / rear)		2/2
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Engine brand / model		Kubota - D1105-E4B
Engine norm		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
Fuel tank		52 I
Noise to environment (LwA)		< 105 dB
Daily consumption **		4.51 l
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - EMC according to EN 12895 / 2015 +A1 / 2019

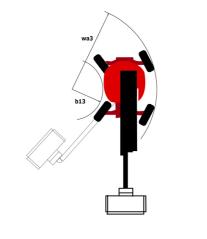
\*Varies according to options and standards of the country to which the machine is delivered \*\* According to "REDUCE cycle"  $\,$ 

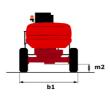
### 160 ATJ 4WS ST5 RC - Load chart

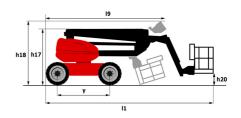
#### Load Chart for MEWP Metric



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