Technical sheet :

160 ATJ 4WS ST5





160 ATJ 4WS ST5 Created on August 11, 2025 at 5:46 AM UTC

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 (top / bottom)	+65 ° / -59.50 °		
Platform capacity	Q 230 kg		
Turret rotation	350 °		
Platform rotation (right / left)	90 ° / 90 °		
Number of people (indoor / outdoor)	2/2		
Weight and dimensions			
Platform weight*	6160 kg		
Platform dimensions (length x width)	lp / ep 1.80 m x 0.80 m		
Floor height (access)	h20 0.45 m		
Overall length	l1 6.68 m		
Overall width	b1 2.32 m		
Overall height	h17 2.37 m		
Overall length (stowed)	l9 4.44 m		
Overall height (stowed)	h18 *** 2.63 m		
External turning radius	Wa3 3.63 m		
Ground clearance at centre of wheelbase			
Wheelbase	y 2.20 m		
Performances	E hur de		
Drive speed - stowed	5 km/h		
Drive speed - raised	1 km/h		
Gradeability	45 %		
Permissible leveling	5°		
Wheels			
Tires type	Foam-filled		
Standard tires	834 x 298 mm		
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, St	age 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		
Fuel tank	52		
Noise to environment (LwA)	< 105 dB		
Daily consumption **	4.08 I		
Standards compliance			
This machine is in compliance with:	(revised EN280-1:2022) - 2004/108/E	European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - EMC according to EN 12895 / 2015 +A1 / 2019	

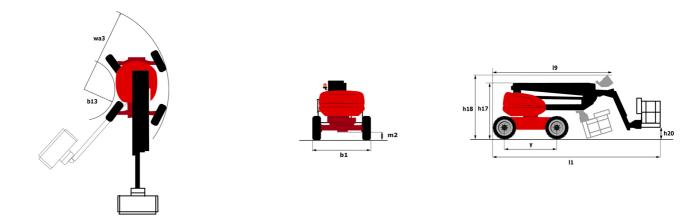
*Varies according to options and standards of the country to which the machine is delivered ** According to "REDUCE cycle" $\,$

160 ATJ 4WS ST5 - Load chart

Load Chart for MEWP Metric



160 ATJ 4WS ST5 - 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 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)	Standard
4 wheal drive 4 wheal drive 4 wheal steer with crab mode Audible alarm and illuminated indicator lamp (leveling, overload, lowering) Backup electrical pump Basket 1,800 mm CAN bus technology 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	220V predisposition in the platform
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 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	4 simultaneous movements
Audible alarm and illuminated indicator lamp (leveling, overload, lowering) Backup electrical pump Basket 1,800 mm CAN bus technology 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	4 wheel drive
Backup electrical pump Basket 1,800 mm CAN bus technology 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	4 wheel steer with crab mode
Basket 1,800 mm CAN bus technology 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.) Hour meter Integrated diagnostic assistance Leveling unlocking Load sensing pump Oscillating front axle	Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
CAN bus technology 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	Backup electrical pump
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	Basket 1,800 mm
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	CAN bus technology
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	Dead man pedal
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	Differential locking on rear axle
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	Easy Link with 2 year Service
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	Emergency stop button in platform and on frame
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	Engine compartment with key lock
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	Front axle with limited slip
Hom in the platform Hour meter Integrated diagnostic assistance Leveling unlocking Load sensing pump Oscillating front axle	Fuel gauge with low level indicator
Hour meter Integrated diagnostic assistance Leveling unlocking Load sensing pump Oscillating front axle	Fully galvanized basket with removable floor - Width: 2100 mm (6 ft. 11 in.)
Integrated diagnostic assistance Leveling unlocking Load sensing pump Oscillating front axle	Hom in the platform
Leveling unlocking Load sensing pump Oscillating front axle	Hour meter
Load sensing pump Oscillating front axle	Integrated diagnostic assistance
Oscillating front axle	Leveling unlocking
	Load sensing pump
Secondary Protection System (SPS)	Oscillating front axle
	Secondary Protection System (SPS)
Steer and rotate	Steer and rotate
Stop & Go system	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



44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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