Technical sheet:

180 ATJ

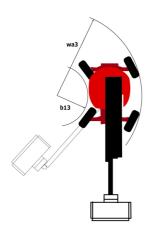


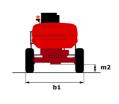


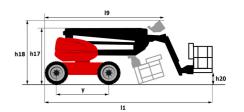
	TBO ATJ Created on November 9, 2025 at	2:08 PM UTC
Capacities	Metric	
Working height	h21 18.18 m	
Platform height	h7 16.18 m	
Maximum outreach	10.51 m	
Overhang	7.42 m	
Pendular arm rotation (top / bottom)	+65 ° / -59.50 °	
Platform capacity	Q 230 kg	
Turret rotation	350 °	
Platform rotation (right / left)	90 ° / 90 °	
Number of people (indoor / outdoor)	2/2	
Weight and dimensions		
Platform weight*	7430 kg	
Platform dimensions (length x width)	lp / ep 1.80 m x 0.80 m	
Floor height (access)	h20 0.43 m	
Overall length	I1 7.79 m	
Overall width	b1 2.32 m	
Overall height	h17 2.47 m	
Overall length (stowed)	19 5.56 m	
Overall height (stowed)	h18 *** 2.56 m	
Counterweight offset (turret at 90°)	a7 0.22 m	
External turning radius	Wa3 3.63 m	
Ground clearance at centre of wheelbase	m2 0.40 m	
Wheelbase		
Performances	у 2.20 m	
	5 km/h	
Drive speed - stowed		
Drive speed - raised	1 km/h 45 %	
Gradeability Remissible to the land in the second of the	5°	
Permissible leveling	5	
Wheels	5 (1)	
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	Kubota - D1105-E4B	
Engine norm	Stage V	
Engine power (Hp / kW)	24.80 Hp / 18.50 kW	
Miscellaneous		
Ground Pressure	10 dan/cm2	
Hydraulic Pressure	340 bar	
Hydraulic tank capacity	54 I	
Fuel	52 1	
Vibration on hands/arms	< 0.50 m/s²	
Daily consumption **	4.27	
Standards compliance		
This machine is in compliance with:	European directives: 2006/42/EC (revised EN280-1:2022) - 2004/108/E according to EN 12895 / 2015 +	EC (EMC) - EMC

^{*}Varies according to options and standards of the country to which the machine is delivered

180 ATJ - Dimensional drawing







Equipment

Secondary Protection System (SPS)

Steer and rotate
Stop & Go system

Water predisposition

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 Link with 2 year Service Emergency stop button in platform and on frame Engine compartment with key lock 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 Operator presence pedal Oscillating front axle

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 tires On-board generator (3,5 or 5 kW) Personalized paintwork Safety kit - Harness + helmet Socket 230 V + differential circuit breaker Spark arresting muffer Water heater





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