Technical sheet:

180 ATJ



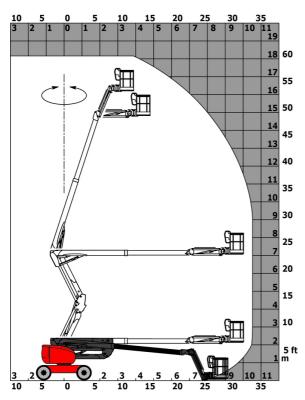


TBO ATJ Created on Ma		reated on May 6, 2024 at 8:08:00 PM UT
Capacities		Metric
Working height	h21	18.19 m
Floor height (access)	h20	0.40 m
Platform height	h7	16.19 m
Max. outreach		10.51 m
Overhang		7.55 m
Pendular arm rotation (bottom)		+-59.50 °
Platform capacity	Q	230 kg
Turret rotation		350 °
Platform 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
Overall length	l1	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
Counterweight Oversize / Reach		0.22 m
External turning radius	Wa3	3.75 m
Ground clearance at centre of wheelbase	m2	0.40 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		Kubota - D1105-E4B
Engine norm		Interim Tier 4, Stage IIIA, Stage V
I.C. Engine power rating / Power		24.80 Hp / 18.50 kW
Miscellaneous		·
Ground Pressure		10 dan/cm2
Hydraulic Pressure		340 bar
Hydraulic tank capacity		54 I
Fuel tank		52 I
Vibration on hands/arms		< 0 m/s²
Daily consumption **		4.26
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

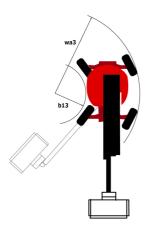
^{*}Varies according to options and standards of the country to which the machine is delivered

180 ATJ - Load chart

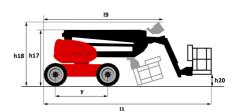
Load Chart for MEWP Metric



180 ATJ - 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 Differential locking on rear axle Easy Manager Emergency stop button in platform and on frame Fuel gauge with low level indicator Fully galvanized basket with demountable floor Leveling unlocking Load sensing pump Operator presence pedal Oscillating front axle Rear axle with limited slip differential Steer and rotate Stop & Go system

Optional Battery charger Battery cut-off Biodegradable oil Coded anti-start Cold weather protection oil Continuous turret rotation Exhaust line protection, spark arrestor and fume reduction system Fully galvanized basket 1800mm / 5'11" with lateral door Galvanized basket 2,100 mm Highly capacity battery Lockable fuel cap On-board generator (3,5 or 5 kW) Personalized paintwork Safety harness Secondary Protection System (SPS) Spark arrester Water heater Water predisposition Working light





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