

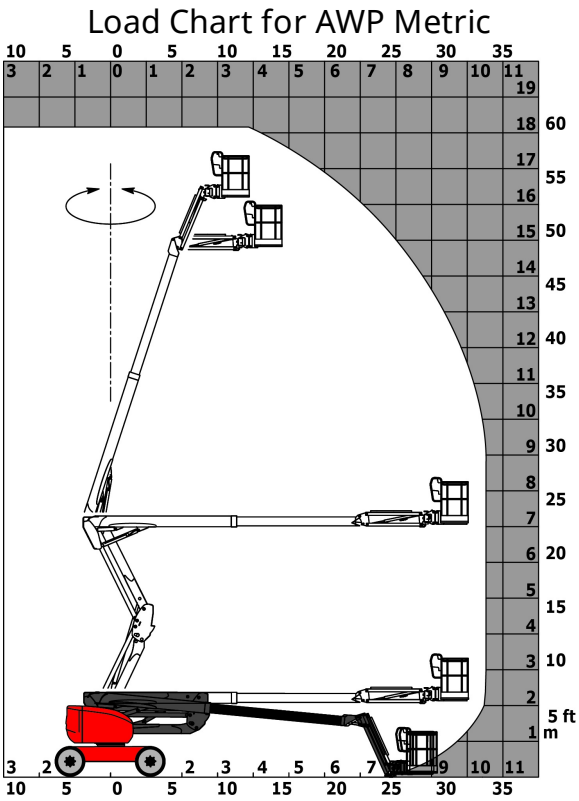
Technical sheet :

180 ATJ

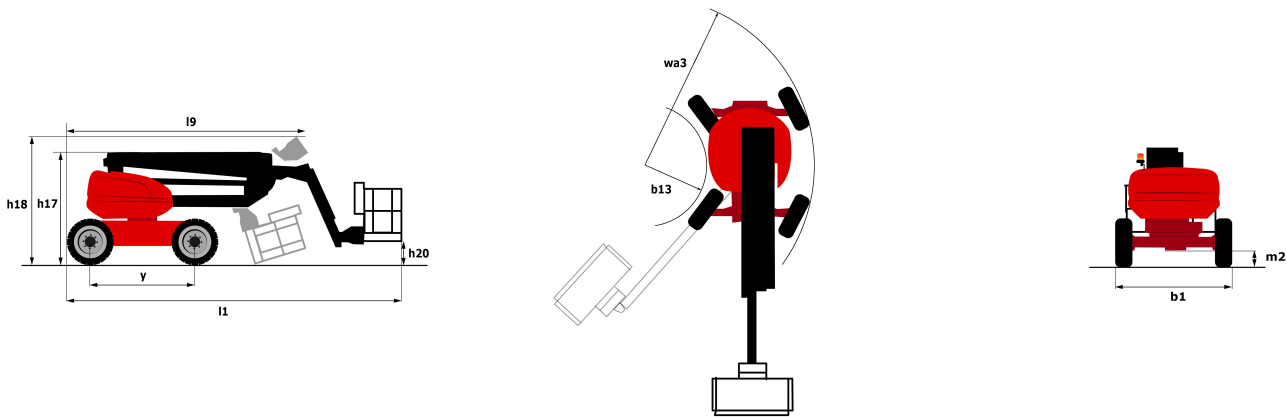


Capacities		Metric	Imperial
Working height	h21	18.19 m	59 ft 8 in
Platform height	h7	16.19 m	53 ft 1 in
Max. outreach	l4	10.51 m	34 ft 6 in
Overhang	l5	7.55 m	24 ft 9 in
Pendular arm rotation (bottom)		+59.5 °	+59.5 °
Platform capacity	Q	230 kg	507 lbs
Turret rotation		350 °	350 °
Platform rotation (right / left)		90 ° / 90 °	90 ° / 90 °
Number of people (inside / outside)		2 / 2	2 / 2
Weight and dimensions			
Platform weight*		7430 kg	16380 lbs
Platform dimensions (length x width)	lp / ep	1.8 m x 0.8 m	5 ft 11 in x 2 ft 7 in
Overall width	b1	2.32 m	7 ft 7 in
Overall length	l1	7.79 m	25 ft 7 in
Overall height	h17	2.47 m	8 ft 1 in
Overall length (stowed)	l9	5.56 m	18 ft 3 in
Overall height (stowed)	h18	2.56 m	8 ft 5 in
Floor height (access)	h20	0.4 m	1 ft 4 in
Counterweight offset (turret at 90°)	a7	0.22 m	9 in
Internal turning radius (over tyres)	b13	1.38 m	4 ft 6 in
Outer turning radius	Wa3	3.75 m	12 ft 4 in
Ground clearance at centre of wheelbase	m2	0.4 m	1 ft 4 in
Wheelbase	y	2.2 m	7 ft 3 in
Performances			
Drive speed - stowed		5 km/h	3.1 mph
Drive speed - raised		1 km/h	0.6 mph
Gradeability		45 %	45 %
Permissible leveling		5 °	5 °
Wheels			
Tyres type		Foam-filled	Foam-filled
Drive wheels (front / rear)		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 2	2 / 2
Braking wheels (front / rear)		0 / 2	0 / 2
Engine/Battery			
Engine brand / model / norm		Kubota - D1105-E4B - Stage V	Kubota - D1105-E4B - Stage V
I.C. Engine power rating / Power (kW)		24.8 Hp / 18.5 kW	24.8 Hp / 18.5 kW
Miscellaneous			
Ground Pressure		10 daN/cm²	10 daN/cm²
Hydraulic Pressure		340 Bar	23 PSI
Hydraulic tank capacity		54 l	11.88 gal
Fuel tank		52 l	11.44 gal
Vibration on hands/arms		0 m/s	0 ft/s
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)	European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

Load chart



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
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
Hour meter
Leveling unlocking
Load sensing pump
Operator presence pedal
Oscillating front axle
Rear axle with limited slip differential
Steer and rotate
Stop & Go system
Optional
Air predisposition
Battery charger
Battery cut-off
Beep on every movement
Beep upon travel
Biodegradable oil
Coded anti-start
Continuous turret rotation
Exhaust line protection, spark arrestor and fume reduction system
Extreme cold oil
Galvanized basket 2,100 mm
Highly capacity battery

Optional

Lockable fuel cap

Onboard generator (3,5 or 5 kW)

Personalized paintwork

SMS : Safe Man System

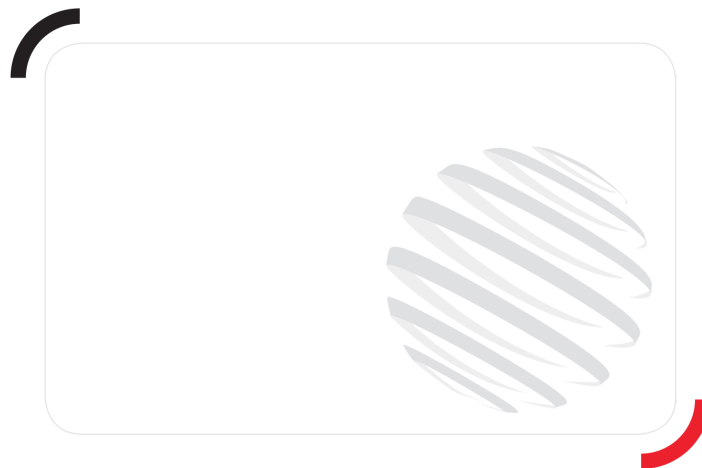
Safety harness

Spark arrester

Water heater

Water predisposition

Working light



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