Technical sheet :

180 ATJ E



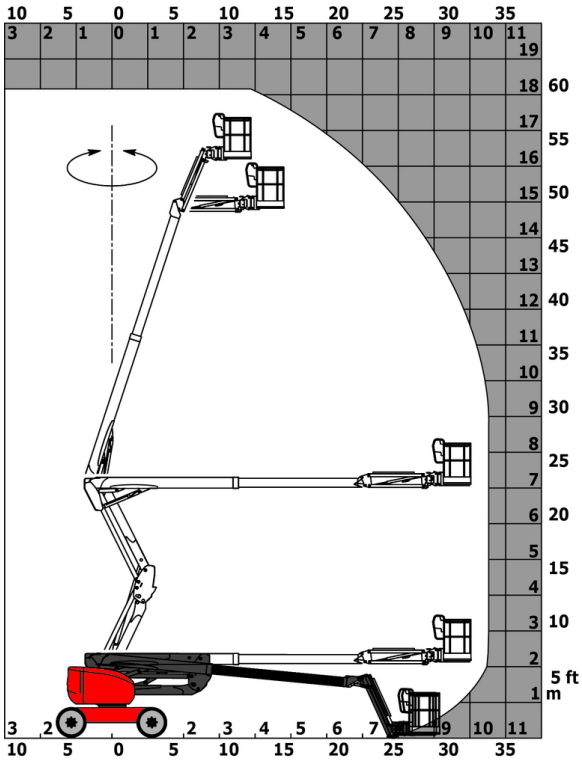
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Capacities		Metric
Working height	h21	18.19 m
Platform height	h7	16.19 m
Max. outreach		10.33 m
Overhang		7.43 m
Pendular arm rotation (left / right)		90 ° / 90 °
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °
Platform capacity	Q	250 kg
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		7550 kg
Platform dimensions (length x width)	lp / ep	1.80 m x 0.80 m
Overall length	l1	7.61 m
Overall width	b1	2.32 m
Overall height	h17	2.48 m
Overall length (stowed)	l9	5.43 m
Overall height (stowed)	h18	2.52 m
Floor height (access)	h20	0.45 m
Counterweight offset (turret at 90°)	a7	0.40 m
External turning radius	Wa3	3.75 m
Ground clearance at centre of wheelbase	m2	0.40 m
Wheelbase	y	2.30 m
Performances		
Drive speed - stowed		5 km/h
Drive speed - raised		1 km/h
Gradeability		45 %
Permissible leveling		5 °
Wheels		
Tyres type		Foam-filled
Standard tyres		910 x 370 mm
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Battery / Battery capacity		48 V / 480 Ah
Integrated charger (V / A)		48 V / 60 A
Battery nominal voltage		48 V
Battery energy		23 kWh
Miscellaneous		
Ground Pressure		10 dan/cm2
Hydraulic Pressure		240 bar
Hydraulic tank capacity		24 l
Vibration on hands/arms		< 0 m/s²
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)

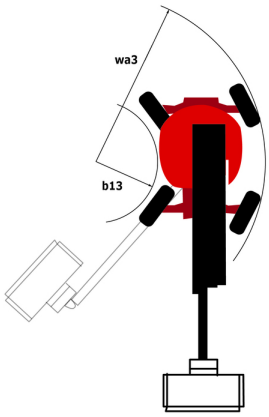
*Varies according to options and standards of the country to which the machine is delivered
** According to "REDUCE cycle"

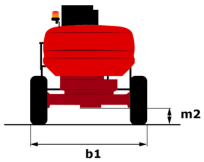
180 ATJ e - Load chart

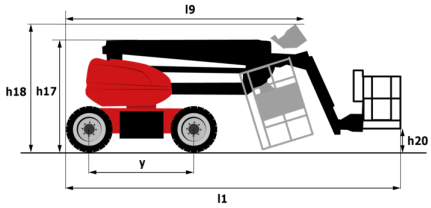
Load Chart for AWP Metric



180 ATJ e - 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 Link with 2 year Service
Easy Manager
Emergency stop button in platform and on frame
Fully galvanized basket with demountable floor
Horn in the platform
Hour meter
LED rotating beacon
Large color screen on turret
Leveling unlocking
Load sensing pump
Operator presence pedal
Oscillating front axle
Rear axle with limited slip differential
SPS : Secondary protection system
Screen information in the basket
Simplified slinging without a spreader bar
Slinging and securing rings
Steer and rotate
Turret orientation information

Optional
Beep on every movement
Beep upon travel
Biodegradable hydraulic oil
Biodegradable oil
Bottom screen protection
Continuous turret rotation
Digicode anti-theft device
Easy link with access control keypad
Easy link with remote lock
Electric centralized filling
External pneumatic supply source
Fully galvanized basket 1800mm / 5'11" with lateral door
Galvanized basket 2,100 mm
Galvanized basket 2.100 mm / 6'11" with lateral door
Key lock on turret cover
Lighting pack
Locking the telescope by parameter setting
Lynx cry beeper on movement
OSS - Operation Safety System
Personalized paintwork
Safety kit (Harness + helmet)
Socket 230 V + differential circuit breaker
Water heater
Water predisposition

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