

**160 ATJ+**

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Technical sheet :

# 160 ATJ+

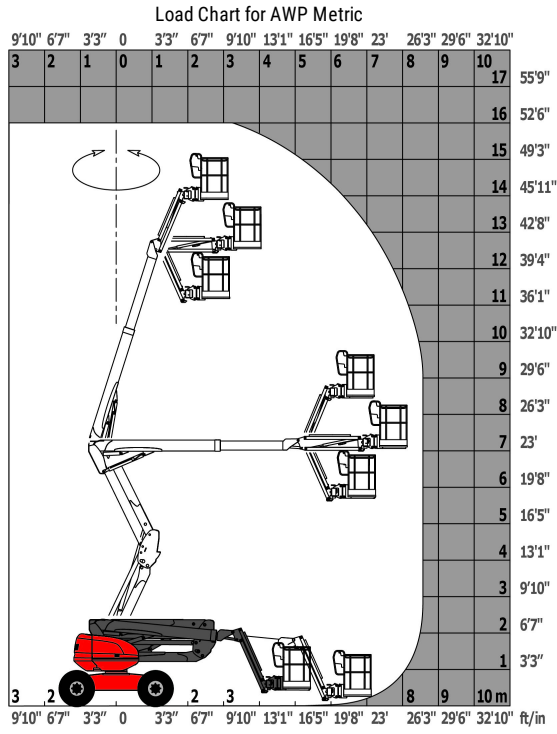




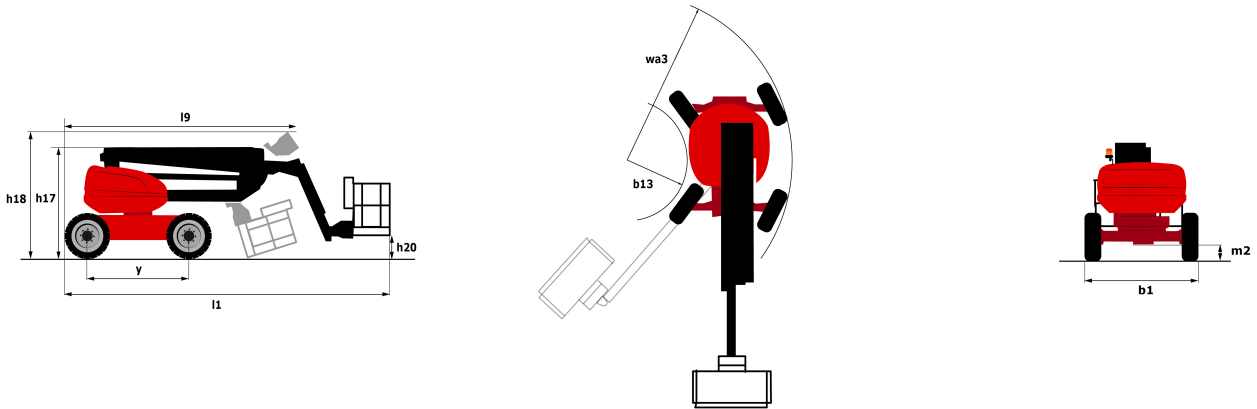
Capacities		Metric
Working height	h21	16.21 m
Platform height	h7	14.21 m
Max. outreach	r1	8.52 m
Overhang	h31	7.4 m
Pendular arm rotation (top / bottom)		+66.5 ° / -65.8 °
Platform capacity	Q	408 kg
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (inside / outside)		3 / 3
Weight and dimensions		
Platform weight*		7500 kg
Platform dimensions (length x width)	lp / ep	2.3 m x 0.9 m
Overall width	b1	2.45 m
Overall length	l1	7.09 m
Overall height	h17	2.47 m
Overall length (stowed)	l9	4.89 m
Overall height (stowed)	h18	2.94 m
Floor height (access)	h20	0.38 m
Counterweight offset (turret at 90°)	a7	0.15 m
Internal turning radius (over tyres)	b13	1.28 m
External turning radius	Wa3	4.09 m
Ground clearance at centre of wheelbase	m2	0.4 m
Wheelbase	y	2.2 m
Performances		
Drive speed - stowed		5 km/h
Drive speed - raised		1 km/h
Gradeability		45 %
Permissible leveling		5 °
Wheels		
Tyres type		Foam-filled
Dimensions of front wheels / rear wheels		908 x 370 mm - 908 x 370 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		Stage V
I.C. Engine power rating / Power (kW)		24.5 Hp / 18.5 kW
Miscellaneous		
Ground Pressure		11.6 daN/cm <sup>2</sup>
Hydraulic Pressure		340 Bar
Hydraulic tank capacity		531 l
Fuel tank		51 l
Noise to environment (LWA)		< 105 dB(A)
Vibration on hands/arms		< 0.5 m/s <sup>2</sup>
Daily consumption **		7 l
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

## Load chart



## Dimensional drawing





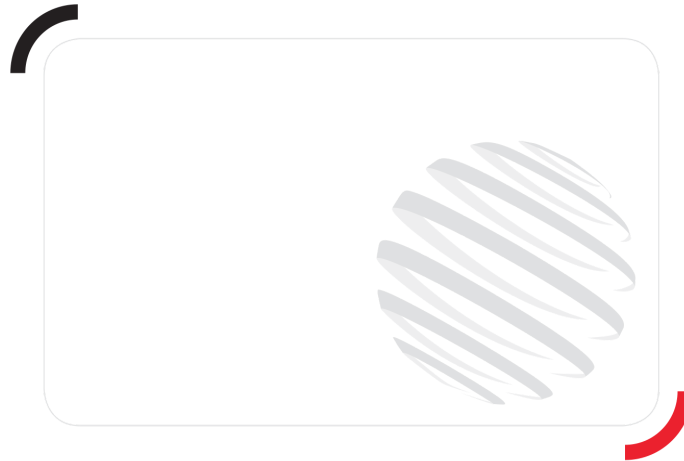
## Equipment

### Standard

230V Predisposition  
 4 simultaneous movements  
 4 wheel drive  
 4 wheel steer with crab mode  
 Audible alarm and illuminated indicator lamp (leveling, overload, lowering)  
 Backup electrical pump  
 CAN bus technology  
 Connected Machine  
 Dead man pedal  
 Differential locking on rear axle  
 Easy fast slinging system  
 Front axle with limited slip  
 Fuel gauge with low level indicator  
 Horn in the platform  
 Hour meter  
 Integrated diagnostic assistance  
 LED rotating beacon  
 Large basket with three entries  
 Large color screen on turret  
 Leveling unlocking  
 Management via engine speed bearing  
 Oscillating front axle  
 Stop & Go system

### Optional

230V socket with circuit-breaker on boom head  
 Access control keypad for easy link  
 Additional storage boxes  
 Air predisposition  
 Battery blanket  
 Battery charger automatic start  
 Beep on every movement  
 Beep upon travel  
 Biodegradable hydraulic oil  
 Coded anti-start  
 Continuous turret rotation  
 Easy link with remote lock  
 Fuel tank locking cap  
 Highly capacity battery  
 Hydraulic oil heater  
 Large basket 2.30m with lateral door  
 Lockable fuel cap  
 Narrow basket 1.80m  
 Non-marking tyres  
 Onboard generator (3,5 or 5 kW)  
 Panel cradle  
 Personalized paintwork  
 Pipe cradle  
 Protection screen and key lock turret  
 SPS : Secondary protection system  
 Safety kit (Harness + helmet)  
 Safety valve  
 Socket 230 V + differential circuit breaker  
 Spark arresting muffler  
 Turret cover with key lock  
 Water heater  
 Water predisposition  
 Working light



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