

Technical sheet :

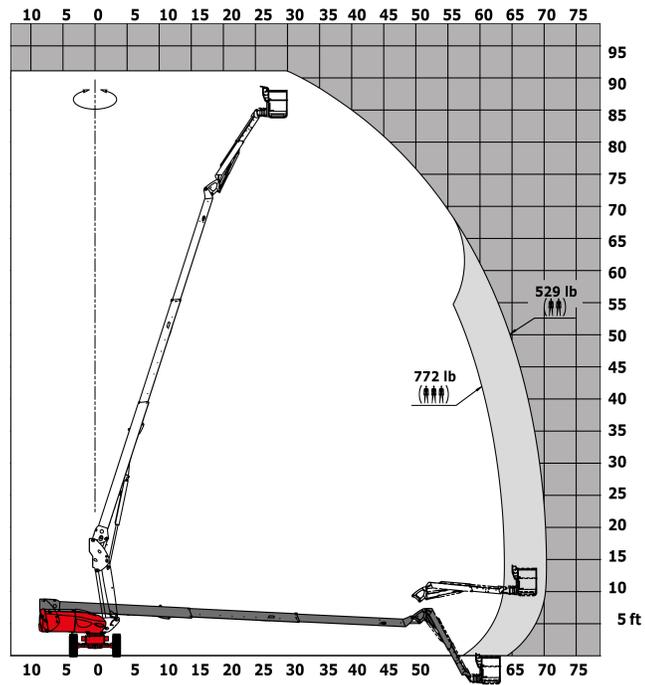
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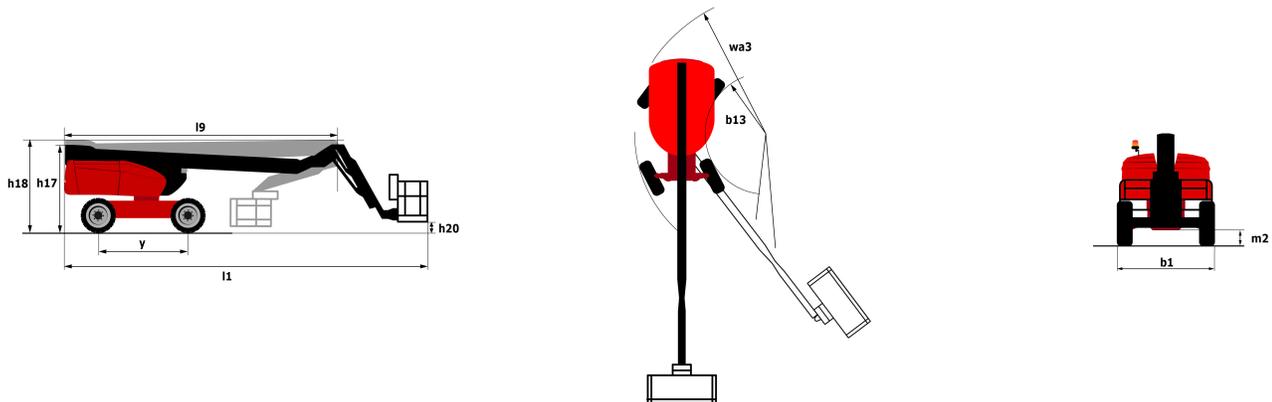
Capacities		Metric	Imperial
Working height	h21	28 m	91 ft 10 in
Platform height	h7	25.75 m	84 ft 6 in
Max. outreach	l4	21.45 m	70 ft 4 in
Pendular arm rotation (bottom)		+62 °	+62 °
Platform capacity / capacity (maximum)	Q	240 kg / 350 kg	529 lbs / 772 lbs
Turret rotation		360 °	360 °
Platform rotation (right / left)		90 ° / 90 °	90 ° / 90 °
Number of people (inside / outside)		2 / 3	2 / 3
Weight and dimensions			
Platform weight*		16488 kg	36350 lbs
Platform dimensions (length x width)	lp / ep	2.3 m x 0.9 m	7 ft 7 in x 2 ft 11 in
Overall width	b1	2.48 m	8 ft 2 in
Overall length	l1	11.36 m	37 ft 3 in
Overall height	h17	2.73 m	8 ft 11 in
Overall length (stowed)	l9	8.09 m	26 ft 7 in
Overall height (stowed)	h18	2.71 m	8 ft 11 in
Floor height (access)	h20	0.48 m	1 ft 7 in
Jib length	l13	3.8 m	12 ft 6 in
Counterweight offset (turret at 90°)	a7	1.43 m	4 ft 8 in
Internal turning radius (over tyres)	b13	1.97 m	6 ft 6 in
External turning radius	Wa3	4.35 m	14 ft 3 in
Ground clearance at centre of wheelbase	m2	0.41 m	1 ft 4 in
Wheelbase	y	2.8 m	9 ft 2 in
Performances			
Drive speed - stowed		4.5 km/h	2.8 mph
Drive speed - raised		0.8 km/h	0.5 mph
Gradeability		37.5 %	37.5 %
Wheels			
Tyres type		Solid Tyres Cured-On	Solid Tyres Cured-On
Drive wheels (front / rear)		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 2	2 / 2
Braking wheels (front / rear)		2 / 2	2 / 2
Engine/Battery			
Engine brand / model		Kubota - D1803-CR-TIE4B	Kubota - D1803-CR-TIE4B
I.C. Engine power rating / Power (kW)		49.6 Hp / 37 kW	49.6 Hp / 37 kW
Miscellaneous			
Ground Pressure		22.25 daN/cm ²	22.25 daN/cm ²
Hydraulic Pressure		400 Bar	28 PSI
Hydraulic tank capacity		94 l	20.68 gal
Fuel tank		72 l	15.84 gal
Sound level at platform		0.5 dB(A)	0.5 dB(A)
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

Load Chart for AWP Imperial



Dimensional drawing



Equipment

Standard

- 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 2,300 mm
- Battery cut-off
- CAN bus technology
- Continuous turret rotation
- Dead man pedal
- Differential locking on rear axle
- Electronic platform compensation
- Emergency stop button in platform and on frame
- Engine on swivel chair
- Front axle with limited slip
- Fuel gauge with low level indicator
- Horn in the platform
- Hour meter
- Lift and drive
- Oscillating front axle
- Remote control for transport
- Telescopic jib
- Water heater

Optional

- Air predisposition
- Beep on every movement
- Beep upon travel
- Biodegradable oil
- Catalytic cleaner
- Coded anti-start
- Cold weather kit
- Initial verification report before putting into service
- Lockable fuel cap
- Non-marking tyres

Optional

Non-marking tyres

Onboard generator (3,5 or 5 kW)

Onboard generator (5 kW)

Personalized paintwork

Refinery kit

SMS : Safe Man System

Safety harness

Screen protection on the lower box control

Welder ready package

Working light



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