

Technical sheet

# 160 ATJ

Aerial Work Platforms Diesel Articulated Jib



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Aerial Platforms Ltd, Denebrook Court, Greenfold Way, Leigh, WN7 3FZ

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Capacities	Metric	Imperial
Working height	16.01 m	52 ft 6 in
Platform height	14.01 m	45 ft 12 in
Horizontal outreach	8.30 m	27 ft 3 in
Overhang	7.38 m	24 ft 3 in
Pendular arm rotation (top/bottom)	65 ° / 59.50 °	65 ° / 59.50 °
Platform capacity	230 kg	506 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		
2.1 - Platform weight*	6118 kg	13488 lbs
2.2 - Platform dimension (L x l)	1.8 x 0.8 m	5 ft 10 in x 2 ft 7 in ft
b1 - Overall width	2.32 m	7 ft 7 in
l1 - Overall length	6.68 m	21 ft 1 in
l9 - Overall length (folded)	4.44 m	14 ft 7 in
h17 - Overall height	2.37 m	7 ft 10 in
h18 - Overall height (folded)	2.63 m	8 ft 7 in
h20 - Floor height (access)	0.40 m	18 ft
a7 - Counterweight offset (turret at 90°)	0.22 m	9 ft
b13 - Inner turning radius	1.39 m	4 ft 6 in
wa3 - Outer turning radius	3.75 m	12 ft
m2 - Ground clearance at center of frame	0.36 m	14 ft
y - Wheelbase	2.22 m	7 ft 2 in
Performances		
Travel speed	5 km/h	3.11 mph
Working speed	1 km/h	0.62 mph
Gradeability	45 %	45 %
Permissible leveling	5 °	5 °
Tires		
Type of tires	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		
I.C. engine	Kubota D1105-E4B Stage 5	Kubota D1105-E4B Stage 5
I.C. Engine power rating	24.50 hp / 18.50 kW	24.50 hp / 18.50 kW
Miscellaneous		
Ground pressure	11.60 daN/cm <sup>2</sup>	168 psi
Maximum available hydraulic pressure	340 bar	4931 psi
Capacity of hydraulic tank	54 l	14.27 US gal.
Capacity of fuel tank	52 l	14 US gal.
Sound level on ground	105 dB(A)	105 dB(A)



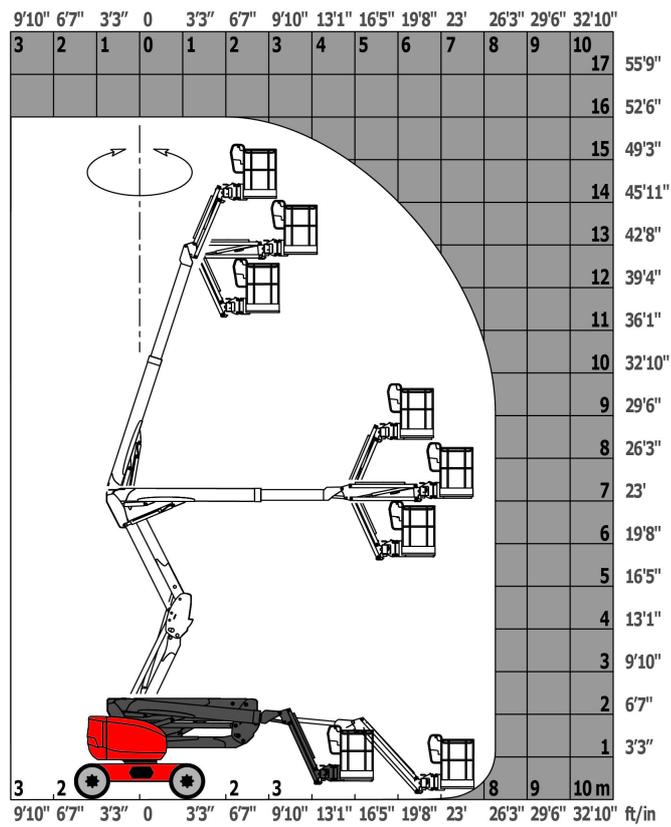
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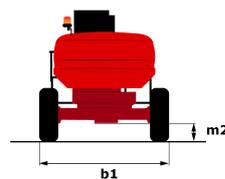
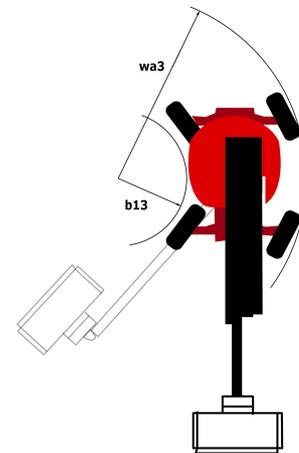
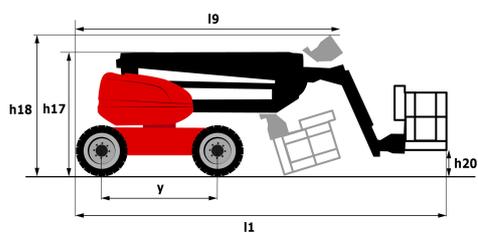
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Dimensional drawing



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## Equipment

### Standard

Stop & Go

Galvanized basket 1,800 mm

220V predisposition in the platform

4 simultaneous movements

4 wheel drive

4 wheel steer with crab mode

Active oscillating front axle

Audible alarm and illuminated indicator lamp (leveling, overload, lowering)

Backup electrical pump

CAN bus technology

Dead man pedal

Differential locking on rear axle

Emergency stop button in platform and on frame

Front axle with limited slip

Fuel gauge with low level indicator

Fully galvanized basket with demountable floor

Horn in the platform

Hour meter

Integrated diagnostic assistance

Leveling unlocking

### Optional

Air predisposition

Beep on every movement

Beep upon travel

Biodegradable oil

Continuous turret rotation

Highly efficient battery

Galvanized basket 2,100 mm

Lockable fuel cap

Extreme cold oil

Onboard generator (3,5 or 5 kW)

Personalized paintwork

Refinery kit

SMS : Safe Man System

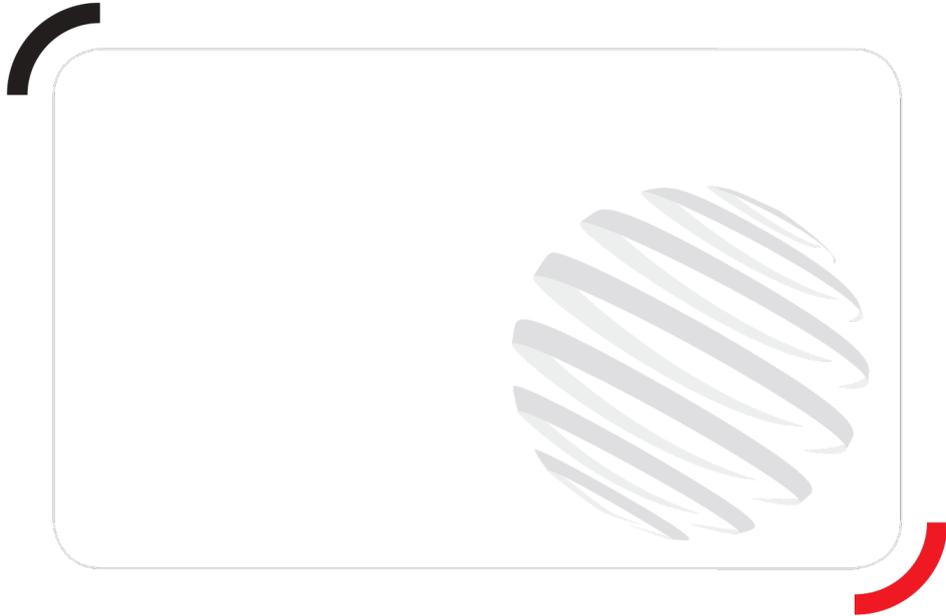
Water predisposition

Working headlight in platform



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