

Technical sheet

# 160 ATJ +

Aerial Work Platforms Diesel Articulated Jib



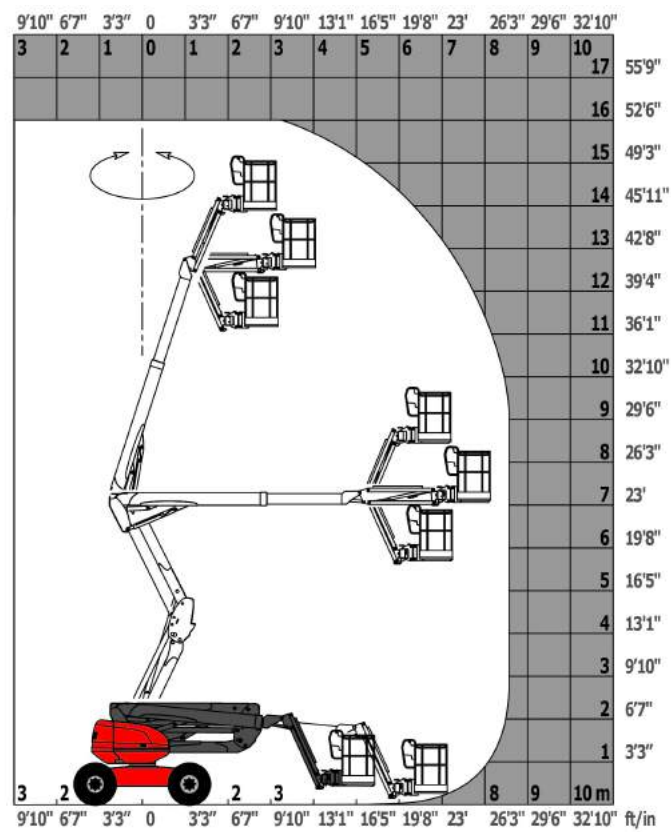
Capacities	Metric
Working height	16.21 m
Platform height	14.21 m
Horizontal outreach	8.94 m
Overhang	7 m
Pendular arm rotation (top/bottom)	70 ° / 70 °
Platform capacity	400 kg
Turret rotation	350 °
Platform rotation (right/left)	90 ° / 90 °
Number of people (inside/outside)	3 / 3
Weight and dimensions	
2.1 - Platform weight*	8100 kg
2.2 - Platform dimension (L x l)	2.3 x 0.9 m
b1 - Overall width	2.30 m
l1 - Overall length	6.92 m
l9 - Overall length (folded)	4.82 m
h17 - Overall height	2.37 m
h18 - Overall height (folded)	2.70 m
h20 - Floor height (access)	0.40 m
a7 - Counterweight offset (turret at 90°)	0.23 m
b13 - Inner turning radius	1.32 m
wa3 - Outer turning radius	3.66 m
m2 - Ground clearance at center of frame	0.43 m
y - Wheelbase	2.22 m
Performances	
Travel speed	6 km/h
Working speed	0.80 km/h
Gradeability	40 %
Permissible leveling	5 °
Tires	
Type of tires	Foam-filled
Drive wheels (front/rear)	2 / 2
Steering wheels (front/rear)	2 / 2
Braking wheels (front/rear)	0 / 2
Engine	
I.C. engine	Kubota V2403-M Stage 3A
I.C. Engine power rating	45 hp / 34.10 kW
Miscellaneous	
Ground pressure	10.88 daN/cm <sup>2</sup>
Maximum available hydraulic pressure	300 bar
Capacity of hydraulic tank	54 l
Capacity of fuel tank	52 l
Vibration level	<0.50 m/s <sup>2</sup>
Daily consumption**	7 l

\* varies according to options and standards of the country to which the machine is delivered

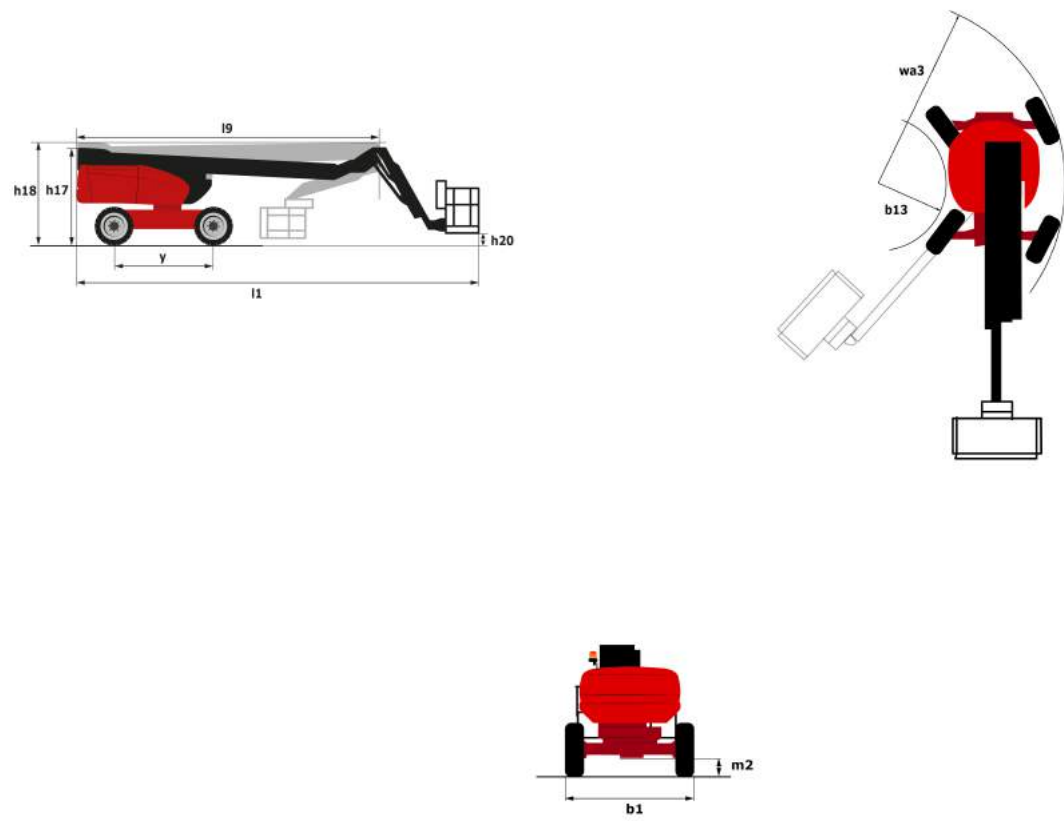
\*\* According to "REDUCE cycle

Load chart

Created on March 27, 2019 12:17 PM



Dimensional drawing



## Equipment

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### Standard

230V Predisposition

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

Basket 2,300 mm

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

Horn in the platform

Hour meter

Integrated diagnostic assistance

Large basket with three entries

Leveling unlocking

Management via engine speed bearing

### Optional

20" tyres

110 or 230V plug with differential circuit-breaker

Additional storage boxes

Air predisposition

Beep on every movement

Beep upon travel

Biodegradable oil

Catalytic cleaner

Coded anti-start

Continuous turret rotation

Highly efficient battery

Initial verification report before putting into service

Lockable fuel cap

Non-marking tyres

Extreme cold oil

Onboard generator (3,5 or 5 kW)

Personalized paintwork

Refinery kit

Safety harness

SMS : Safe Man System



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