

Technical sheet :

# 120 AETJ - C



 **MANITOU**  
HANDLING YOUR WORLD

**APL** 0800 085 3709  
AERIAL PLATFORMS [WWW.AERIALPLATFORMS.CO.UK](http://WWW.AERIALPLATFORMS.CO.UK)

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

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Capacities		Metric
Working height	h21	11.95 m
Platform height	h7	9.95 m
Max. outreach	r1	7 m
Overhang	h31	6.40 m
Pendular arm rotation (top / bottom)		+70 ° / -70 °
Platform capacity	Q	200 kg
Turret rotation		355 °
Platform rotation (right / left)		66 ° / 59 °
Number of people (inside / outside)		2 / 2
Weight and dimensions		
Platform weight*		6660 kg
Platform dimensions (length x width)	lp / ep	1.20 m x 0.92 m
Overall width	b1	1.20 m
Overall length	l1	5.48 m
Overall height	h17	1.99 m
Overall length (stowed)	l9	3.74 m
Overall height (stowed)	h18	2.16 m
Floor height (access)	h20	0.40 m
Jib length	l13	1.26 m
Internal turning radius (over tyres)	b13	1.55 m
External turning radius	Wa3	3.34 m
Tails wing		0.23 m
Ground clearance	m4	0.10 m
Ground clearance with pothole guards deployed	m6	0.02 m
Wheelbase	y	1.65 m
Performances		
Drive speed - stowed		6 km/h
Drive speed - raised		0.60 km/h
Gradeability		25 %
Permissible leveling		3 °
Wheels		
Tyres type		Solid non-marking tires
Dimensions of front wheels / rear wheels		0,6x0,19 - 0,6x0,19
Drive wheels (front / rear)		0 / 2
Steering wheels (front / rear)		2 / 0
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Electric engine power rating		2 x 4.50 kW
Electric Pump		3.70 kW
Battery / Batteries capacity		48 V / 240 Ah
Integrated charger (V / A)		48 V / 30 A
Miscellaneous		
Number of cycles with STD Battery (HIRD)		60
Ground Pressure		20 daN/cm <sup>2</sup>
Hydraulic Pressure		200 bar
Hydraulic tank capacity		18 l
Vibration on hands/arms		< 2.50 m/s <sup>2</sup>

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

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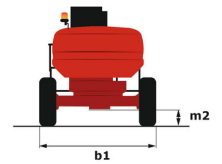
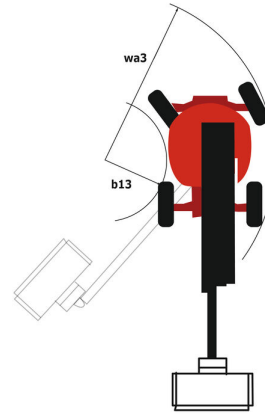
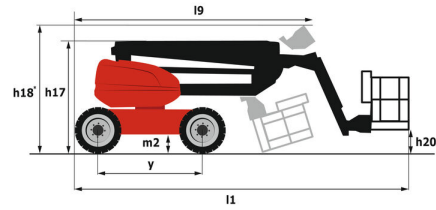
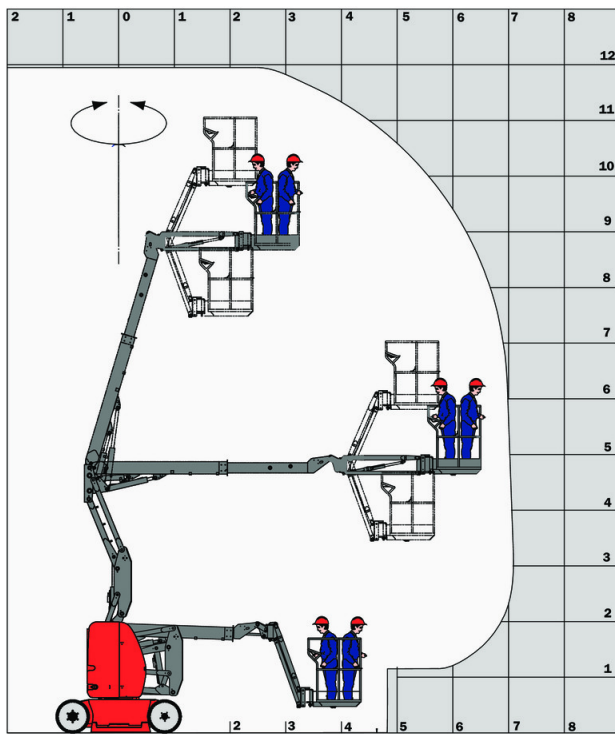
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## 120 AETJ-C - Load chart

Load Chart metric



## 120 AETJ-C - Dimensional drawing

## Equipment

## Standard

- 230V Pre-disposition
- Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
- Battery charge indicator lamp
- CAN bus technology
- Easy Manager
- Emergency stop button in platform and on frame
- Horn in the platform
- Hour meter
- Integrated diagnostic assistance
- Manual emergency lowering
- Multi-voltage integrated charger
- Negative-type braking on rear wheels
- Non-marking rubber tyres
- Pendular arm
- Platform with mesh floor
- Pothole protection with automatic operation
- Proportional controls
- Slings and securing rings
- Tool box in platform
- Traction battery

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