Technical sheet :

120 AETJ-C

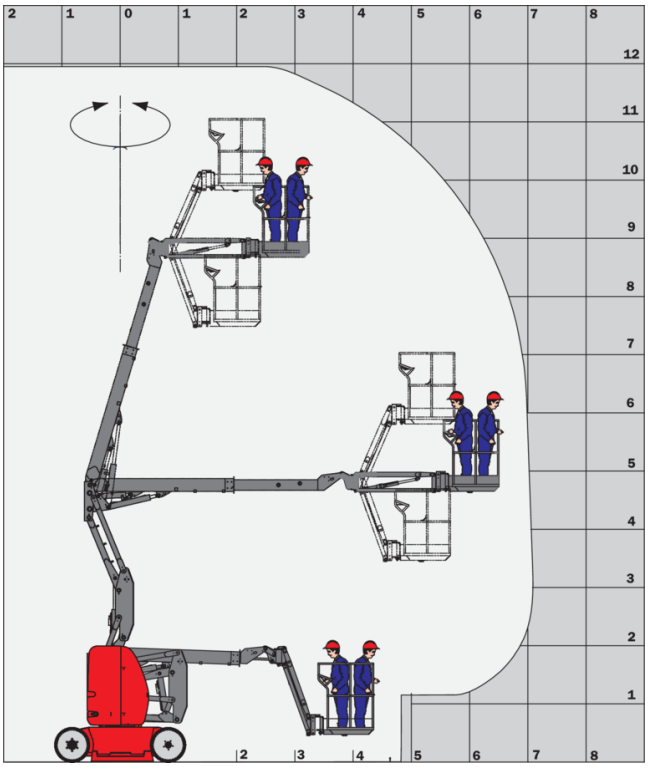
MANITOU
HANDLING YOUR WORLD

Capacities		Metric
Working height	h21	11.95 m
Platform height	h7	9.95 m
Max. outreach		7 m
Overhang		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
Tailswing		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/cm2
Hydraulic Pressure		200 bar
Hydraulic tank capacity		18 l
Vibration on hands/arms		< 2.50 m/s²

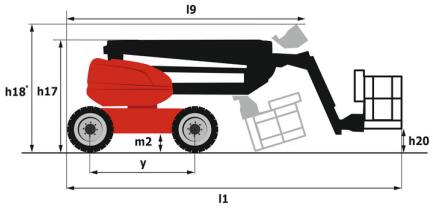
*Varies according to options and standards of the country to which the machine is delivered

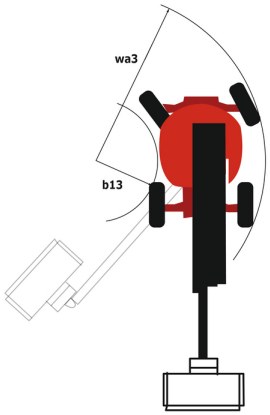
120 AETJ-C - Load chart

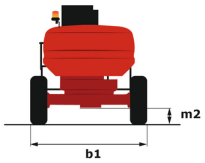
Load Chart metric



120 AETJ-C - Dimensional drawing







Equipment

Standard
230V Predisposition
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
Slinging and securing rings
Tool box in platform
Traction battery

Optional
110 or 230V plug with differential circuit breaker
3D
Beep on every movement
Beep upon travel
Biodegradable oil
Centralized recharging of battery
Cold weather protection oil
Highly capacity battery
Lights
Maintenance-free battery
Personalized paintwork
Protective cover for control panel
SMS : Safe Man System
Safety harness
Water predisposition
Working headlight in platform

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