Technical sheet:

120 AETJ-C







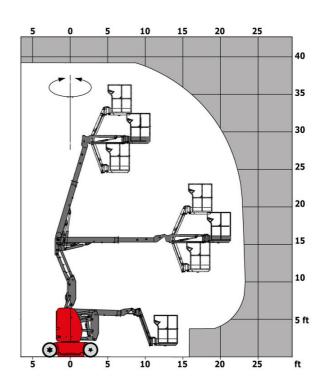
Capacities		Metric	Imperial
Working height	h21	11.95 m	39 ft 2 in
Platform height	h7	9.95 m	32 ft 8 in
Maximum outreach		7 m	23 ft
Overhang		6.40 m	21 ft
Pendular arm rotation (left / right)		70 ° / 70 °	70 ° / 70 °
Pendular arm rotation (top / bottom)		+70 ° / -70 °	+70 ° / -70 °
Platform capacity	Q	200 kg	441 lb
Turret rotation		355 °	355 °
Platform rotation (right / left)		66 ° / 59 °	66 ° / 59 °
Number of people (indoor / outdoor)		2/2	2/2
Weight and dimensions			
Platform weight*		6660 kg	14683 lb
Platform dimensions (length x width)	lp / ep	1.20 m x 0.92 m	3 ft 11 in x 3 ft
Floor height (access)	h20	0.40 m	1 ft 4 in
Overall length	l1	5.48 m	18 ft
Overall width	b1	1.20 m	3 ft 11 in
Overall height	h17	1.99 m	6 ft 6 in
Overall length (stowed)	19	3.74 m	12 ft 3 in
Overall height (stowed)	h18 ***	2.16 m	7 ft 1 in
Jib length	I13	1.26 m	4 ft 2 in
Counterweight offset (turret at 90Ű)	a7	0.23 m	9 in
External turning radius	Wa3	3.34 m	10 ft 11 in
Ground clearance with pothole guards deployed	m6	0.02 m	1 in
Ground clearance at centre of wheelbase	m2	0.10 m	4 in
Wheelbase	у	1.65 m	5 ft 5 in
Performances			
Drive speed - stowed		6 km/h	4 mph
Drive speed - raised		0.60 km/h	0.37 mph
Gradeability		25 %	25 %
Permissible leveling		3 °	3 °
Wheels			
Tires type		Solid non-marking tires	Solid non-marking tires
Drive wheels (front / rear)		0 / 2	0 / 2
Steering wheels (front / rear)		2 / 0	2 / 0
Braking wheels (front / rear)		0 / 2	0 / 2
Engine/Battery			
Electric engine power rating		2 x 4.50 kW	2 x 4.50 kW
Lift motor power		3.70 kW	3.70 kW
Battery voltage		48 V	48 V
Battery capacity		240 Ah	240 Ah
Battery energy		11 kW/h	11 kW/h
On-board charger (V / A)		48 V / 30 A	48 V / 30 A
Miscellaneous			
Number of cycles with STD Battery (HIRD)		60	60
Ground Pressure		20 dan/cm2	290 PSI
Hydraulic Pressure		200 bar	2901 PSI
Hydraulic tank capacity		18	5 US gal
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
		2.22 1.1, 2	

 $[\]mbox{*Varies}$ according to options and standards of the country to which the machine is delivered

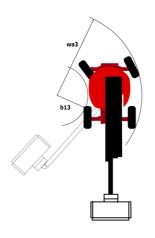
120 AETJ-C - Load chart

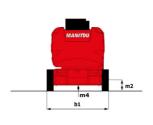
Load Chart metric

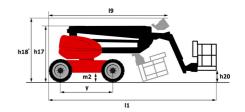
Load Chart imperial



120 AETJ-C - Dimensional drawing







Equipment

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 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 Biodegradable oil Cold weather protection oil High capacity starting 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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