Technical sheet:

AETJ 49

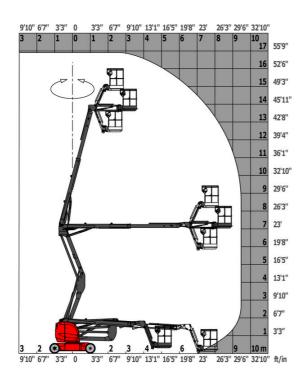


		AETJ 49 Created on July 3, 2025 at 8:06 PM UTC		
Capacities		Metric	Imperial	
Working height	h21	16.90 m	55 ft 5 in	
Platform height	h7	14.90 m	48 ft 11 in	
Maximum outreach		9.43 m	30 ft 11 in	
Overhang		7 m	23 ft	
Pendular arm rotation (top / bottom)		+65 ° / -65 °	+65 ° / -65 °	
Platform capacity	Q	227 kg	500 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*		7095 kg	15642 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	I1	6.84 m	22 ft 5 in	
Overall width	b1	1.75 m	5 ft 9 in	
Overall height	h17	1.97 m	6 ft 6 in	
Overall length (stowed)	19	5.12 m	16 ft 10 in	
Overall height (stowed)	h18 ***	2.04 m	6 ft 8 in	
Jib length	l13	1.26 m	4 ft 2 in	
Counterweight offset (turret at 90Ű)	a7	0.08 m	3 in	
Counterweight Oversize / Reach		0.08 m	3 in	
External turning radius	Wa3	4.30 m	14 ft 1 in	
Ground clearance at centre of wheelbase	m2	0.14 m	6 in	
Wheelbase	у	2 m	6 ft 7 in	
Performances				
Drive speed - stowed		5 km/h	3 mph	
Drive speed - raised		0.60 km/h	0.37 mph	
Gradeability		22 %	22 %	
Permissible leveling		3 °	3 °	
Wheels				
Tires type		Solid non-marking tires	Solid non-marking tires	
Standard tires		24 x 7.5 in / 600 x 190 mm	24 x 7.5 in / 600 x 190 mm	
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 nominal voltage / capacity		48 V / 240 Ah	48 V / 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)		44	44	
Ground Pressure		16.60 dan/cm2	241 PSI	
Hydraulic Pressure		210 bar	3046 PSI	
Hydraulic tank capacity		15	4 US gal	
Vibration on hands/arms		< 0.66 m/s²	< 0.66 m/s²	
Standards compliance		5.55 11/15	5.50 my 0	
This machine is in compliance with:		ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC	ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC	

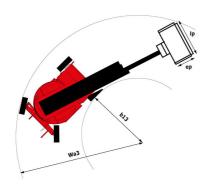
^{*}Varies according to options and standards of the country to which the machine is delivered

AETJ 49 - Load chart

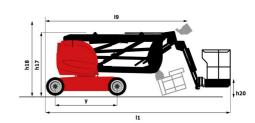
Load Chart imperial



AETJ 49 - Dimensional drawing







Equipment

110 V American plug with differential circuit breaker Audible alarm and illuminated indicator lamp (leveling, overload, lowering) Battery charge indicator lamp CAN bus technology Drive safety orientation system Electric predisposition on boom 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 access gate Proportional controls Slinging and securing rings Tool box in platform Traction battery Travel possible at maximum height

Biodegradable oil Cold weather kit Cold weather protection oil High capacity starting battery Lights Protective cover for control panel SMS: Safe Man System Water predisposition	Optional		
Cold weather protection oil High capacity starting battery Lights Protective cover for control panel SMS: Safe Man System Water predisposition	Biodegradable oil		
High capacity starting battery Lights Protective cover for control panel SMS: Safe Man System Water predisposition	Cold weather kit		
Lights Protective cover for control panel SMS: Safe Man System Water predisposition	Cold weather protection oil		
Protective cover for control panel SMS : Safe Man System Water predisposition	High capacity starting battery		
SMS : Safe Man System Water predisposition	Lights		
Water predisposition	Protective cover for control panel		
• •	SMS : Safe Man System		
Modeling by a dilinka in a leaf and	Water predisposition		
working neadiight in platform	Working headlight in platform		





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