Technical sheet:

AETJ 49

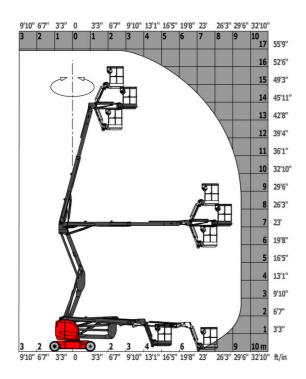


		AETJ	49 Created on July 3, 2025 at 8:22 PM UTC
Capacities		Metric	Imperial
Working height	h21	16.90 m	55 ft 5 in
Platform height	h7	14.90 m	48 ft 11 in
Maximum outreach		9.43 m	30 ft 11 in
Overhang		7 m	23 ft
Pendular arm rotation (top / bottom)		+65 ° / -65 °	+65 ° / -65 °
Platform capacity	Q	227 kg	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	l1	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	113	1.26 m	4 ft 2 in
Counterweight offset (turret at 90Ű)	a7	0.08 m	3 in
Counterweight Oversize / Reach	u.	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	,	2	V.C.7
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			3
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		0 / 2	072
<u> </u>		2 x 4.50 kW	2 x 4.50 kW
Electric engine power rating Lift motor power		2 x 4.50 kW 3.70 kW	2 x 4.50 kW
·		48 V	48 V
Battery voltage		48 V / 240 Ah	48 V / 240 Ah
Battery nominal voltage / capacity		48 V / 240 All 11 kW/h	
Battery energy			11 kW/h
On-board charger (V / A)		48 V / 30 A	48 V / 30 A
Miscellaneous		44	
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			
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

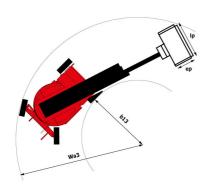
^{*}Varies according to options and standards of the country to which the machine is delivered

AETJ 49 - Load chart

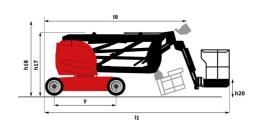
Load Chart imperial



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

Optional	
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	
Working headlight in platform	





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