

Technical sheet :

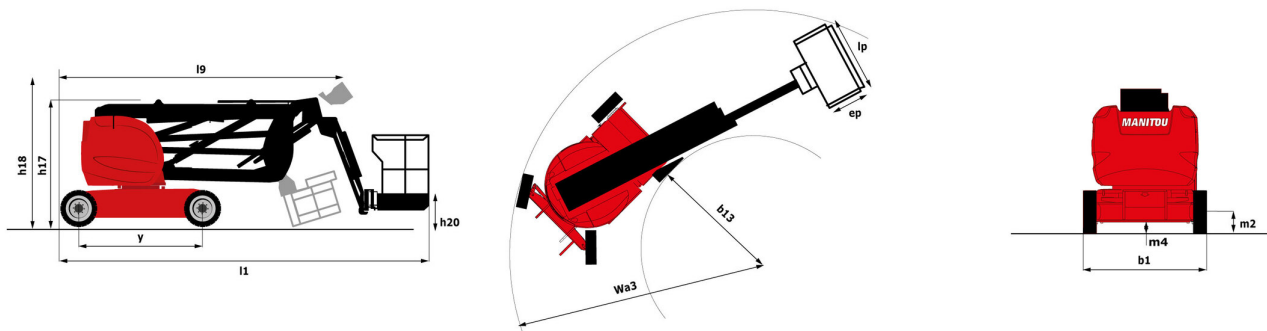
AETJ 49



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric
Working height	h21	16.90 m
Platform height	h7	14.90 m
Max. outreach		9.43 m
Overhang		7 m
Pendular arm rotation (top / bottom)		+65 ° / -65 °
Platform capacity	Q	227 kg
Turret rotation		355 °
Platform rotation (right / left)		66 ° / 59 °
Number of people (inside / outside)		2 / 2
Weight and dimensions		
Platform weight*		7095 kg
Platform dimensions (length x width)	lp / ep	1.20 m x 0.92 m
Overall width	b1	1.75 m
Overall length	l1	6.84 m
Overall height	h17	1.97 m
Overall length (stowed)	l9	5.12 m
Overall height (stowed)	h18	2.04 m
Floor height (access)	h20	0.40 m
Jib length	l13	1.26 m
Counterweight offset (turret at 90°)	a7	0.08 m
Internal turning radius (over tyres)	b13	2 m
External turning radius	Wa3	4.30 m
Tailswing		0.08 m
Ground clearance at centre of wheelbase	m2	0.14 m
Wheelbase	y	2 m
Performances		
Drive speed - stowed		5 km/h
Drive speed - raised		0.60 km/h
Gradeability		22 %
Permissible leveling		3 °
Wheels		
Tyres type		Solid non-marking tires
Dimensions of front wheels / rear wheels		0,60x0,19m - 0,60x0,19m
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 mA
Miscellaneous		
Number of cycles with STD Battery (HIRD)		44
Ground Pressure		16.60 dan/cm2
Hydraulic Pressure		210 bar
Hydraulic tank capacity		15 l
Vibration on hands/arms		< 2.50 m/s²
Standards compliance		
This machine is in compliance with:		ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC

AETJ 49 - Dimensional drawing



Equipment

Standard

110 V 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

Beep on every movement
Beep upon travel
Biodegradable oil
Cold weather kit
Cold weather protection oil
Highly capacity battery
Lights
Protective cover for control panel
SMS : Safe Man System
Water predisposition
Working headlight in platform



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