

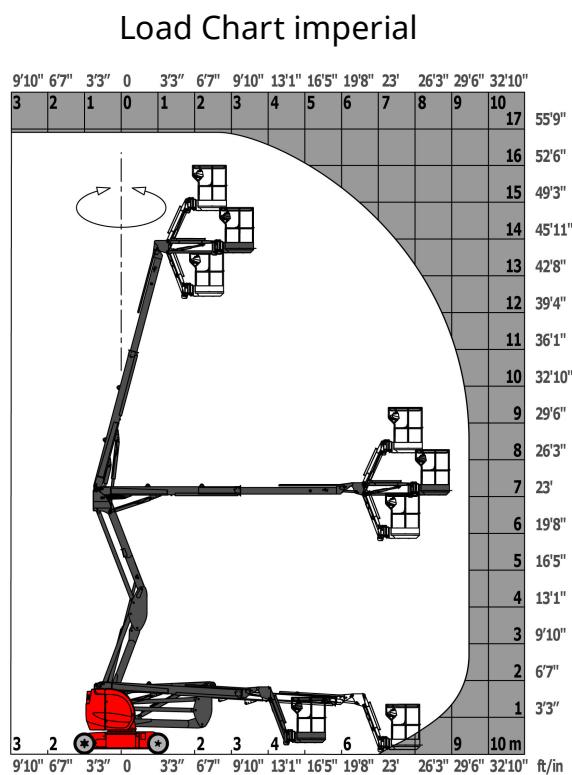
Technical sheet :

# **AETJ 49**

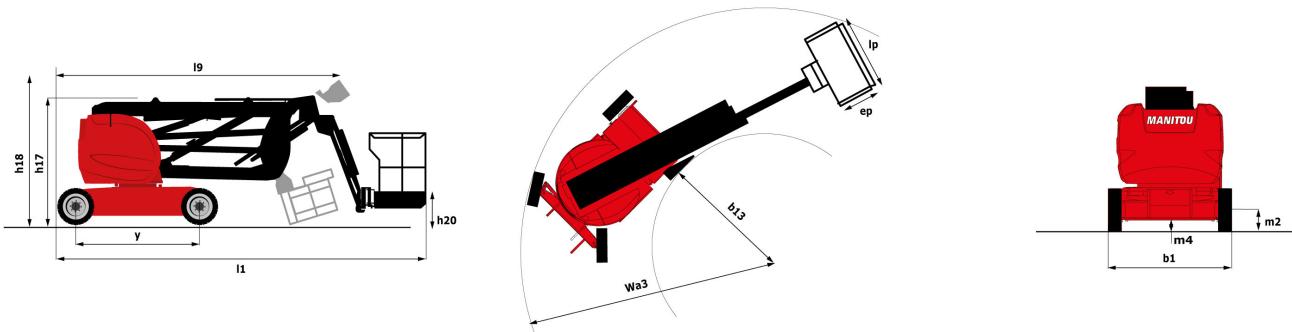


Capacities		Metric	Imperial
Working height	h21	16.9 m	55 ft 5 in
Platform height	h7	14.9 m	48 ft 11 in
Max. outreach	l4	9.43 m	30 ft 11 in
Overhang	l5	7 m	23 ft
Pendular arm rotation (top / bottom)		+65 ° / -65 °	+65 ° / -65 °
Platform capacity	Q	227 kg	500 lbs
Turret rotation		355 °	355 °
Platform rotation (right / left)		66 ° / 59 °	66 ° / 59 °
Number of people (inside / outside)		2 / 2	2 / 2
Weight and dimensions			
Platform weight*		7095 kg	15642 lbs
Platform dimensions (length x width)	l p / ep	1.2 m x 0.92 m	3 ft 11 in x 3 ft
Overall width	b1	1.75 m	5 ft 9 in
Overall length	l1	6.84 m	22 ft 5 in
Overall height	h17	1.97 m	6 ft 6 in
Overall length (stowed)	l9	5.12 m	16 ft 10 in
Overall height (stowed)	h18	2.04 m	6 ft 8 in
Floor height (access)	h20	0.4 m	1 ft 4 in
Jib length	l13	1.26 m	4 ft 2 in
Counterweight offset (turret at 90°)	a7	0.08 m	3 in
Internal turning radius (over tyres)	b13	2 m	6 ft 7 in
External turning radius	Wa3	4.3 m	14 ft 1 in
Tailswing		0.08 m	3 in
Ground clearance at centre of wheelbase	m2	0.14 m	6 in
Wheelbase	y	2 m	6 ft 7 in
Performances			
Drive speed - stowed		5 km/h	3.1 mph
Drive speed - raised		0.6 km/h	0.4 mph
Gradeability		22 %	22 %
Permissible leveling		3 °	3 °
Wheels			
Tyres type		Solid non-marking tires	Solid non-marking tires
Dimensions of front wheels / rear wheels		0,60x0,19m - 0,60x0,19m	0,60x0,19m - 0,60x0,19m
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 4.5 kW	2 x 4.5 kW
Electric Pump		3.7 kW	3.7 kW
Battery / Batteries capacity		48 V / 240 Ah	48 V / 240 Ah
Integrated charger (V / Ah)		48 V / 30 mAh	48 V / 30 mAh
Miscellaneous			
Number of cycles with STD Battery (HIRD)		44	44
Ground Pressure		16.6 daN/cm²	16.6 daN/cm²
Hydraulic Pressure		210 Bar	14 PSI
Hydraulic tank capacity		15 l	3.30 gal
Vibration on hands/arms		< 2.5 m/s	< 8.2 ft/s
Standards compliance			
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)	European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

## Load chart



## Dimensional drawing



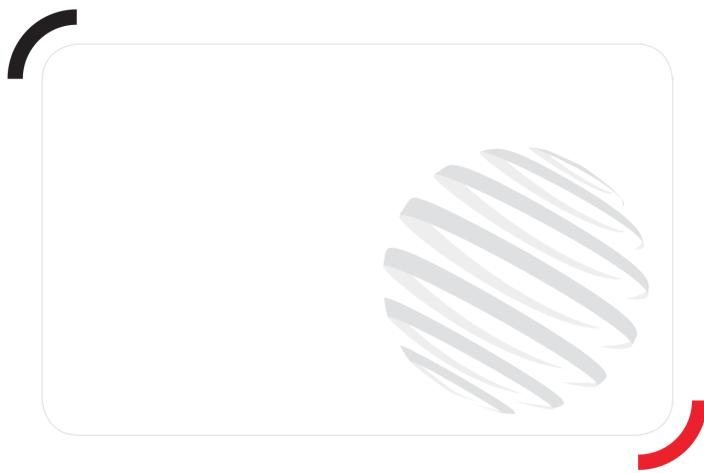
## Equipment

### 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

- Air predisposition
- Beep on every movement
- Beep upon travel
- Biodegradable oil
- Cold weather kit
- Extreme cold oil
- Flashing Light
- Highly capacity battery
- Protective cover for control panel
- SMS : Safe Man System
- Water predisposition
- Working headlight in platform



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