

Technical sheet :

# 170 AETJ-L



 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Metric
Working height	h21	16.90 m
Floor height (access)	h20	0.40 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	200 kg
Turret rotation		355 °
Platform rotation (right / left)		66 ° / 59 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		6950 kg
Platform dimensions (length x width)	lp / ep	1.20 m x 0.92 m
Overall length	l1	6.84 m
Overall width	b1	1.75 m
Overall height	h17	1.97 m
Overall length (stowed)	l9	5.12 m
Overall height (stowed)	h18	2.04 m
Jib length	l13	1.26 m
Counterweight offset (turret at 90°)	a7	0.08 m
Counterweight Oversize / Reach		0.08 m
External turning radius	Wa3	4.30 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		
Tires type		Solid non-marking tires
Standard tires		24 x 7.5 in / 600 x 190 mm
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 voltage		48 V
Battery nominal voltage / capacity		48 V / 240 Ah
Battery energy		11 kWh
On-board charger (V / A)		48 V / 30 A
Miscellaneous		
Number of cycles with STD Battery (HIRD)		46
Ground Pressure		16.60 dan/cm2
Hydraulic Pressure		210 bar
Hydraulic oil tank capacity		15 l
Vibration on hands/arms		< 0.66 m/s <sup>2</sup>
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)

\*Varies according to options and standards of the country to which the machine is delivered

# 170 AETJ-L - Load chart

Load Chart metric



# 170 AETJ-L - Dimensional drawing



# Equipment

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## Standard

230V Predisposition  
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)  
Battery charge indicator lamp  
CAN bus technology  
Emergency stop button in platform and on frame  
Hom 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  
Pendular arm  
Platform with open-work floor  
Proportional controls  
Slinging and securing rings  
Tool box in platform  
Traction battery  
Travel possible at maximum height

## Optional

110 or 230V plug with differential circuit breaker  
Biodegradable oil  
Cold weather kit  
Cold weather protection oil  
Highly capacity 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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