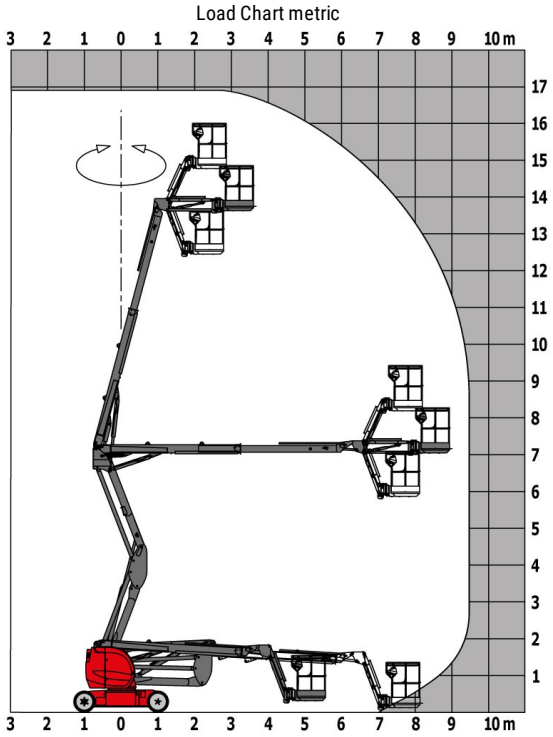
Technical sheet :

170 AETJ-L BI

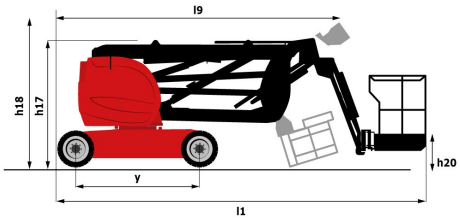
MANITOU
HANDLING YOUR WORLD

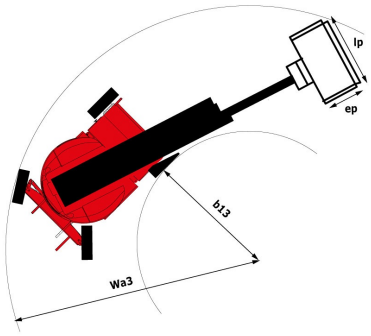
Capacities		Metric
Working height	h21	17.03 m
Platform height	h7	15.03 m
Max. outreach	r1	9.43 m
Overhang	h31	7.27 m
Pendular arm rotation (top / bottom)		+62 ° / -59 °
Platform capacity	Q	230 kg
Turret rotation		355 °
Platform rotation (right / left)		70 ° / 70 °
Number of people (inside / outside)		2 / 2
Weight and dimensions		
Platform weight*		7435 kg
Platform dimensions (length x width)	lp / ep	1.20 m x 0.92 m
Overall width	b1	1.91 m
Overall length	l1	6.99 m
Overall height	h17	2.10 m
Overall length (stowed)	l9	5.27 m
Overall height (stowed)	h18	2.13 m
Floor height (access)	h20	0.40 m
Jib length	l13	1.26 m
Counterweight offset (turret at 90°)	a7	0 m
Internal turning radius (over tyres)	b13	1.97 m
External turning radius	Wa3	4.27 m
Tailswing		0 m
Ground clearance at centre of wheelbase	m2	0.18 m
Wheelbase	y	2.20 m
Performances		
Drive speed - stowed		6 km/h
Drive speed - raised		0.60 km/h
Gradeability		21 %
Permissible leveling		5 °
Wheels		
Tyres type		Foam Filled Non Marking
Dimensions of front wheels / rear wheels		0,65x0,25m - 0,65x0,25m
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
I.C. Engine power rating / Power (kW)		12 Hp / 9.20 kW
Battery / Batteries capacity		48 V / 300 Ah
Integrated charger (V / A)		48 V / 45 A
Miscellaneous		
Ground Pressure		14.48 daN/cm²
Hydraulic Pressure		200 Bar
Hydraulic tank capacity		12 l
Fuel tank		30 l
Vibration on hands/arms		< 2.50 m/s²
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)

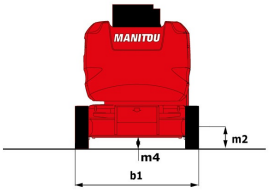
Load chart


Load Chart metric
3 2 1 0 1 2 3 4 5 6 7 8 9 10 m
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
3 2 1 0 1 2 3 4 5 6 7 8 9 10 m

Dimensional drawing







Equipment

Standard
230V Predisposition
All-terrain, non-marking, foam-filled tyres
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
Battery charge indicator lamp
CAN bus technology
Easy Manager
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
Pendular arm
Platform with open-work floor
Proportional controls
Protective cover for control panel
Slinging and securing rings
Tool box in platform
Traction battery
Travel possible at maximum height

Optional
110 or 230V plug with differential circuit breaker
Air predisposition
Beep on every movement
Beep upon travel
Biodegradable oil
Centralized recharging of battery
Extreme cold oil
Flashing Light
Lockable fuel cap
Personalized paintwork
SMS : Safe Man System
Safety harness
Water predisposition
Working headlight in platform

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