

**Product Highlights**

- ★Electric drive, green and environmentally friendly
- ★Zero emissions, meeting the strict requirements of indoor and outdoor emissions on construction sites

**Compact Structure**

- ★The entire series adopts compact design, while also considering high maintenance, and has stronger ability to operate in narrow and complex working conditions.

**Excellent Performance**

- ★Equipped with a maximum working angle of 3 degrees as standard, the entire series have stronger adaptability to the working range and site.
- ★230kg load capacity, adaptable to multiple scenarios and working conditions

**Low Maintenance Costs**

- ★Compared to diesel power, battery maintenance costs are lower, reducing overall operating costs.

**Electric Drive**

- ★Low cost, low noise, low maintenance, green environmental friendly and energy conservation



**Standard Features**

Hydraulic leveling platform	Mechanical release of driving brake	Horn and buzzer safety warnings
Automotive grade full tube sheath protection	Platform rotation	Maximum tilt angle of 3°
Tilt alarm	Over load sensor	Flash light
Emergency stop system	Emergency lowering down	Diagnosis system

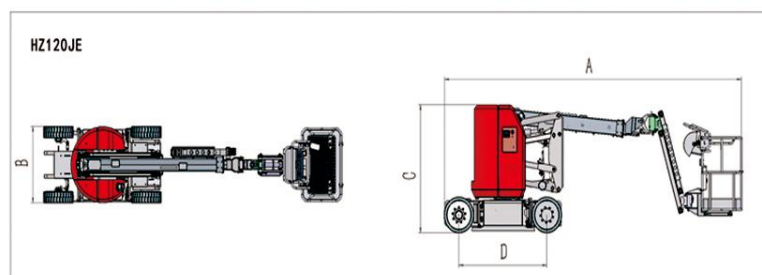
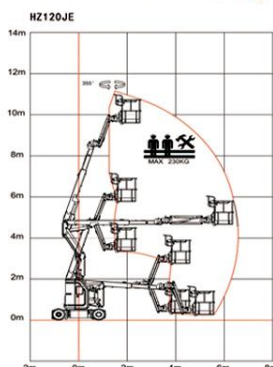
**Options Features**

AC wiring to platform	T-BOX (GPS)
Non-marking Solid Tires	



# HZ SERIES HZ120JE SELF-PROPELLED ARTICULATED BOOMS

Model	HZ120JE	
Dimension	Metric	Imperial
Max. Working Height	11.16m	36ft 7in
Max. Platform Height	9.16m	30ft 1in
Max. Outreach	6.56m	21ft 6in
Max. Up and Over Clearance	3.73m	12ft 3in
A Length (stowed)	5.65m	18ft 6in
B Width (stowed)	1.19m	3ft 11in
C Height (stowed)	2.0m	6ft 7in
D Wheelbase	1.65m	5ft 5in
Ground Clearance	0.07m	0ft 3in
Platform Size ((L×W×H)	1.15m×0.76m×1.17m	3ft9in×2ft6in×3ft10in
Performance		
Lift Capacity	200kg	441lb
Turntable Rotation	355°non-continuous	355°non-continuous
Platform Rotation	180°	180°
Drive Speed (Stowed)	4km/h	2.49mph
Drive Speed (Raised)	0.37km/h	0.23mph
Gradeability	35%	35%
Turing Radius (Inside)	1.77m	5ft 9in
Turing Radius (Outside)	3.49m	11ft 5in
Turntable Tailswing	0	0
Max. Tilt Angle(Front to Back/ Side to Side)	3°	3°
Drive wheels number x Steering wheels number	2WD×2WS	2WD×2WS
Tire Specification/ Type	22*7*13 3/4	22*7*13 3/4
Power		
Battery Specifications	48V/305Ah	48V/305Ah
Control Voltage	12VDC	12VDC
Hydraulic Tank Capacity	20L	5.2 gal
Weight		
Total Weight	7000kg	15432lb



The images in this manual are for illustration only, and all copyrights belong to our company. Due to continuous technological updates, product parameters may change without prior notice.



安全生产  
人人有责

8

Mantech  
HZ1200JE

E