

ELECTRIC ARTICULATING BOOM LIFTS

Comply with CE/ANSI/CSA Standard

ELECTRIC
ZA14NJE
ZA14NJE-Li

HIGHLIGHTS

- ▶ Center layout, great structural rigidity, and small boom deflection
- ▶ Advanced dual control system (valve control + pump control) offers a energy-saving, smooth and efficient control
- ▶ Accurate and efficient traveling AC drive system provides strong power and stable control, motor maintenance-free
- ▶ Independent auxiliary power system for more secure application
- ▶ Large capacity tube battery + fast charger for longer battery lift of 5 years and working time (ZA14NJE Only)
- ▶ Large-capacity lithium battery features long-lasting battery life of 8 years and 5-year warranty, the whole life cycle is maintenance-free (ZA14NJE-Li Only)
- ▶ IStandard fast charger for short charging time of 7 hours (ZA14NJE-Li Only)
- ▶ Accurate and efficient traveling AC drive system provides strong power and stable control, motor maintenance-free



FEATURES

Standard Features

- Proportional control
- All motion alarm
- Flashing beacon
- Self-closing entry gate
- Emergency descent system
- Emergency stop button
- Auto-leveling system
- On-board diagnostic system
- Over tilt protection system
- Oscillating axle
- Load sensing system
- 4.3' LED display
- Horn
- Anti-crushing device
- Fast charging (ZA14NJE-Li Only)
- Battery management system (ZA14NJE-Li Only)

Accessories & Options

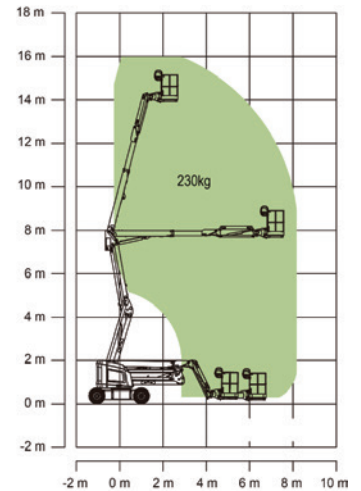
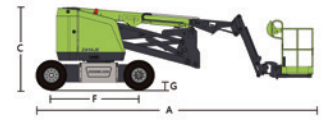
- Platform light
- AC power to platform
- Airline to platform
- Non-marking tire
- Fast charging (ZA14NJE Only)

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ZA14NJE/ZA14NJE-Li

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Model	ZA14NJE		ZA14NJE-Li	
	Imperial	Metric	Imperial	Metric
Size				
Work Height	52ft 6in	16m	52ft 6in	16m
Platform Height	45ft 11in	14m	45ft 11in	14m
Horizontal Outreach	26ft 8in	8.14m	26ft 8in	8.14m
Up and Over Height	25ft 5in	7.74m	25ft 5in	7.74m
A - Stowed Length	21ft 8in	6.6m	21ft 8in	6.6m
B - Stowed Width	5ft 9in	1.75m	5ft 9in	1.75m
C - Stowed Height	6ft 7in	2m	6ft 7in	2m
D - Platform Length	4ft 12in	1.52m	4ft 12in	1.52m
E - Platform Width	2ft 6in	0.76m	2ft 6in	0.76m
F - Wheelbase	6ft 9in	2.05m	6ft 9in	2.05m
G - Ground Clearance	8in	0.20m	8in	0.20m
Performance				
Platform Capacity	510 lb	230kg	510 lb	230kg
Drive Speed	4 mph	6.1km/h	4 mph	5.4km/h
Gradeability	30% (17°)		30% (17°)	
Turning Radius (Inside)	2ft 7in	0.79m	2ft 7in	0.79m
Turning Radius (Outside)	10ft 4in	3.15m	10ft 4in	3.15m
Turntable Swing	360° non-continuous		360° non-continuous	
Platform Rotation	±90°		±90°	
H-Tail Swing	8in	0.2m	8in	0.2m
Max. Working Slope	3/4°	3/4°	3/4°	3/4°
Max. Wind Speed	28mph	12.5m/s	28mph	12.5m/s
Power				
Battery	2×24V/320Ah		48V/315Ah Li-ion battery	
Charger	48V/35A		48V/60A	
Drive Motor	AC 32V/4hp	AC 32V/3.3kw	AC 32V/4hp	AC 32V/3.3kw
Lift Motor	AC 32V/10hp	AC 32V/7kw	AC 32V/10hp	AC 32V/7kw
Auxiliary Power	12V DC Electrical pump		12V DC Electrical pump	
Hydraulic Tank Capacity	7.9 (us gal)	30L	7.9 (us gal)	30L
Tire				
Type	250-15 Solid tire 240/55D17.5 Foam-filled tire		250-15 Solid tire 240/55D17.5 Foam-filled tire	
Weight				
Gross	14770 lb	6700kg	14770 lb	6700kg



Range of Motion ZA14NJE/ZA14NJE-Li