

ZOOMLION

ELECTRIC ARTICULATING BOOM LIFTS

ZA14JE/ZA20JE

Comply with CE/ANSI/CSA Standard



HIGHLIGHTS

- ▶ Provide greater work height of 70ft 4in/21.45m and lift capacity of 550lb/250kg than competitor. (ZA20JE Only)
- ▶ Fast lift system directly lowers the boom from the highest position to the ground, no need to fold the boom to improve work efficiency. (ZA20JE Only)
- ▶ Accurate and efficient traveling AC drive system and on-board motion AC drive system provides strong power, stable control and maintenance-free motor.
- ▶ 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
- ▶ 52ft 6in/16m working height

FEATURES

Standard Features

Proportional control	On-board diagnostic system
All motion alarm	Over tilt protection system
Flashing amber beacon	Oscillating axle (ZA20JE)
Self-closing entry gate	Load sensing system
Emergency descent system	4.3' LED display
Emergency stop button	Horn
Auto-leveling system	

Accessories & Options

- ▶ AC power to platform
- ▶ Air line to platform
- ▶ 8.01ftx2.99ft work platform(ZA20JE)
- ▶ Non-marking tire

ACCESS WITH ZOOMLION GREEN

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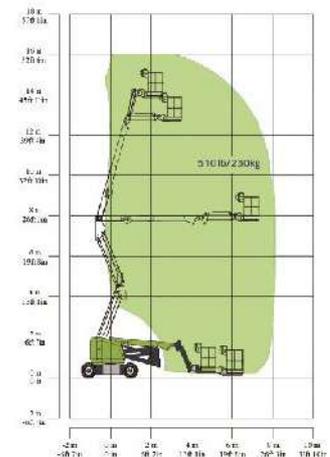
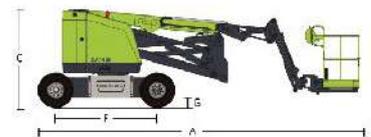
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ELECTRIC ARTICULATING BOOM LIFTS

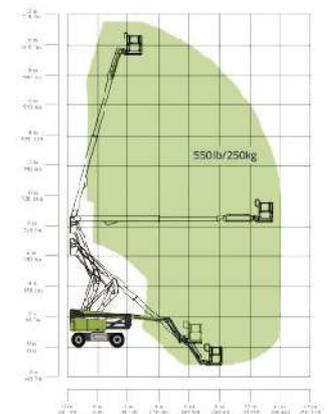
ZA14JE/ZA20JE

Comply with CE/ANSI/CSA Standard

Model	ZA14JE		ZA20JE	
	Imperial	Metric	Imperial	Metric
Size				
Work Height	52ft 6in	16m	70ft 4in	21.45m
Platform Height	45ft 11in	14m	63ft 10in	19.45m
Horizontal Outreach	24ft 7in	7.50m	39ft 6in	12.05m
Up and Over Height	25ft 5in	7.74m	27ft 1in	8.25m
A - Stowed Length	21ft 8in	6.6m	28ft 7in	8.72m
B - Stowed Width	5ft 9in	1.75m	8ft 2in	2.49m
C - Stowed Height	6ft 7in	2m	8ft 3in	2.56m
D - Platform Length	4ft 12in	1.52m	6.00ft(standard) 8.01ft(option)	1.83m(standard) 2.44 (option)
E - Platform Width	2ft 6in	0.76m	2.49ft(standard) 2.99ft(option)	0.76m(standard) 0.91(option)
F - Wheelbase	6ft 9in	2.05m	8ft 3in	2.52m
G - Ground Clearance	8in	0.20m	1ft 1in	0.33m
Performance				
Platform Capacity	510 lb	230kg	550 lb	250kg
Drive Speed	3.79 mph	6.1km/h	3.79 mph	6.1km/h
Gradeability	30%(17°)		45%(24°)	
Axles Oscillation	/	/	8in	0.20m
Turning Radius (Inside)	2ft 7in	0.79m	9ft 1in	2.78m
Turning Radius (Outside)	10ft 4in	3.15m	18ft	5.49m
Swing	360° continuous		360° continuous	
Platform Rotation	±90°		±90°	
H-Tail Swing	0in	0m	2ft	0.6m
Max. Working Slope	2/4°		3/5°	
Max. Wind Speed	27.96mph	12.5m/s	27.96mph	12.5m/s
Power				
Battery	24×2V/320Ah		24×2V/440Ah	
Charger	48V/60A		48V/60A	
Drive Motor	AC 32V	AC 32V	AC 32V	AC 32V
Lift Motor	DC 48V	DC 48V	AC 32V	AC 32V
Auxiliary Power	Manual Pump		12V DC	
Hydraulic Tank Capacity	7.9 (us gal)	30L	19.8 (us gal)	75L
Drive	2WD		4WD	
Tire				
Type	240/55D17.5 Foam-filled Tires		33×12 D610 Foam-filled Tires	
Weight				
Gross	14991 lb	6800kg	20283 lb	9200kg



Range of Motion ZA14JE



Range of Motion ZA20JE

ZOOMLION ARTICULATING BOOM LIFTS

ZA14J/ZA18J

Comply with CE/ANSI/CSA Standard

HIGHLIGHTS

▶ 660lb/300kg platform capacity for higher efficiency (ZA14J Only)

▶ Build-in multiple pressure control leveling system to enhance stability

▶ Precise load sensing system to improve overload safety operations

▶ Integrated with rotary reducer to enhance rotation stability

▶ Hostile Kits available for dusty working environment

▶ Deadweight Lowering System for smooth operation and energy efficiency

▶ 51ft 10in/15.80m working height

FEATURES

Standard Features

Horn
All motion alarm
Proportional control
Self-closing entry gate
Flashing amber beacon
Auto-leveling system
Emergency stop button
Over tilt protection system
Emergency descent system
On-board diagnostic system
Oscillating axle
4.3' LED display
Load sensing system
Swing-out engine tray

Accessories & Options

- ▶ Platform work lights
- ▶ Anti-collision device
- ▶ AC power to platform



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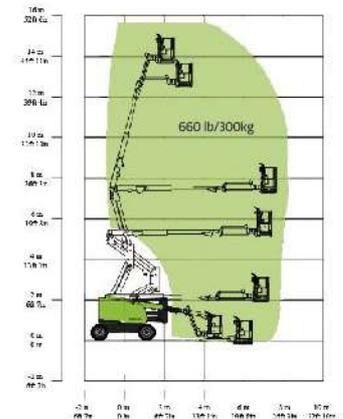
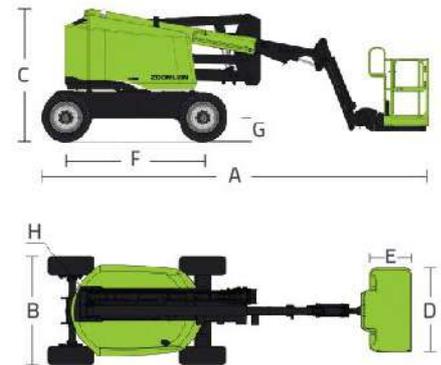
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MAIN SPECS OF ARTICULATING BOOM LIFTS

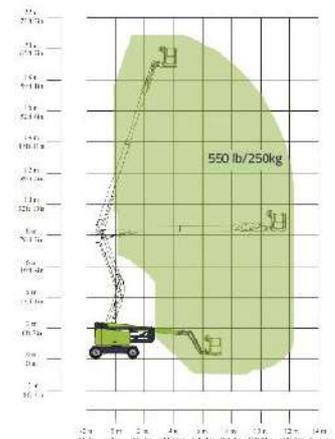
ZA14J/ZA18J

Comply with CE/ANSI/CSA Standard

Model	ZA14J		ZA18J	
	Imperial	Metric	Imperial	Metric
Size				
Work Height	51ft 10in	15.80m	68ft 8in	20.93m
Platform Height	45ft 3in	13.80m	62ft 1in	18.93m
Horizontal Outreach	27ft 3in	8.30m	40ft 6in	12.35m
Up and Over Height	24ft 9in	7.55m	27ft 3in	8.3m
A - Stowed Length	21ft 7in	6.57m	29ft 11in	9.12m
B - Stowed Width	7ft 7in	2.30m	8ft 2in	2.49m
C - Stowed Height	7ft 5in	2.27m	8ft 6in	2.58m
D - Platform Length	6ft	1.83m	8/6ft	2.44/1.83m
E - Platform Width	2ft 6in	0.76m	3ft/2ft 6in	0.91/0.76m
F - Wheelbase	7ft 9in	2.36m	8ft 3in	2.52m
G - Ground Clearance	1ft 5in	0.42m	1ft 5in	0.42m
Performance				
Platform Capacity	660 lb	300kg	550 lb	250kg
Drive Speed	4.23 mph	6.8km/h	3.79 mph	6.1km/h
Gradeability	45%(24°)	45%(24°)	45%(24°)	45%(24°)
Axles Oscillation	4in	0.1m	8in	0.2m
Turning Radius (Inside)	6ft 9in	2.06m	8ft 3in	2.51m
Turning Radius (Outside)	15ft 8in	4.78m	17ft 11in	5.47m
Swing	355°		360° continuous	
Platform Rotation	±90°		±90°	
H-Tail Swing	0		0	
Max. Working Slope	5°		5°	
Max. Wind Speed	27.96mph	12.5m/s	27.96mph	12.5m/s
Power				
Diesel Engine	Kubota V2403 Deutz D2.9L4		Kubota V2403	
Engine Power	48.3hp/2600rpm	36kw/2600rpm	48.3hp/2600rpm	36kw/2600rpm
Fuel Tank Capacity	17.2 (us gal)	65L	39.6 (us gal)	150L
Auxiliary Power	12V		12V	
Control Voltage	12V		12V	
Hydraulic System Capacity	39.6 (us gal)	150L	42.3 (us gal)	160L
Hydraulic Tank Capacity	20.1 (us gal)	76L	19.8 (us gal)	75L
Drive	4WD		4WD	
Tire				
Type	315/55 D20 Foam-filled Tires		355/55 D625 Foam-filled Tires	
Weight				
Gross	15653 lb	7100kg	24251 lb	11000kg



Range of Motion ZA14J



Range of Motion ZA18J

ZOOMLION TELESCOPIC BOOM LIFTS

ZT20J/ZT26J

Comply with CE/ANSI/CSA Standard

HIGHLIGHTS

- ▶ Platform dual capacity design, up to 660/1000lb (300/454kg)
- ▶ Smart telematic control interface with self-diagnostic monitoring capability
- ▶ Better work envelop performance, 10% larger than competitor
- ▶ 74ft 7in/22.75m working heights
- ▶ Smooth & stable boom extension technique controls the minimum stable extending speed at 0.015mph (0.034m/s)



FEATURES

Standard Features

Horn
All motion alarm
Proportional control
Self-closing entry gate
Flashing amber beacon
Auto-leveling system
Emergency stop button
Over tilt protection system
Emergency descent system
On-board diagnostic system
Oscillating axle
4.3' LED display
Load sensing system
Swing-out engine tray

Accessories & Options

- ▶ Platform work lights
- ▶ Anti-collision device
- ▶ AC power to platform



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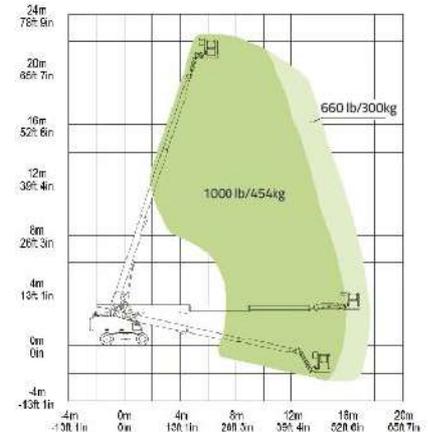
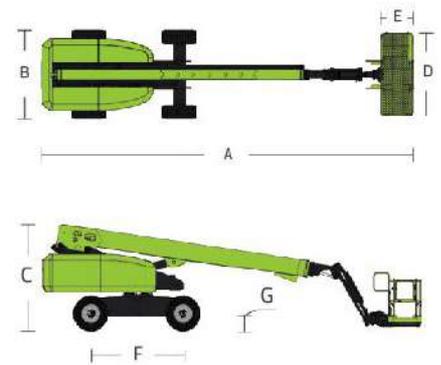
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MAIN SPECS OF TELESCOPIC BOOM LIFTS

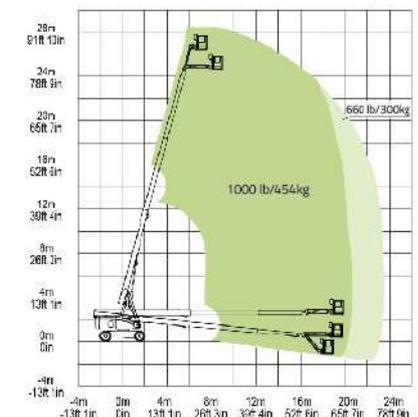
ZT20J/ZT26J

Comply with CE/ANSI/CSA Standard

Model	ZT20J		ZT26J	
	Imperial	Metric	Imperial	Metric
Size				
Work Height	74ft 7in	22.75m	92ft 6in	28.20m
Platform Height	68ft 1in	20.75m	85ft 11in	26.20m
Horizontal Outreach	57ft 1in	17.4m	76ft 6in	23.31m
A - Stowed Length	34ft	10.36m	41ft	12.50m
B - Stowed Width	8ft 2in	2.49m	8ft 2in	2.49m
C - Stowed Height	9ft 1in	2.78m	9ft 2in	2.80m
D - Platform Length	8ft	2.44m	8ft	2.44m
E - Platform Width	3ft	0.91m	3ft	0.91m
F - Wheelbase	8ft 3in	2.52m	10ft	3.05m
G - Ground Clearance	1ft 5in	0.42m	1ft 4in	0.40m
Performance				
Platform Capacity (Unrestricted/Restricted)	660/1000lb	300/454kg	660/1000lb	300/454kg
Drive Speed (Stowed)	3.73mph	6.0km/h	3.42mph	5.5km/h
Gradeability	45%(24°)	45%(24°)	45%(24°)	45%(24°)
Turning Radius (Inside)	7ft 10in	2.4m	12ft	3.66m
Turning Radius (Outside)	17ft 9in	5.4m	22ft 6in	6.86m
Turntable Swing	360° continuous		360° continuous	
Platform Rotation	±90°		±90°	
Tail Swing	4ft 9in	1.45m	5ft 3in	1.60m
Lib (Range of Articulation)	130°(-55°~75°)		135°(-60°~75°)	
Max. Working Slope	3°		3°	
Max. Wind Speed	28mph	12.5m/s	28mph	12.5m/s
Power				
Engine	Deutz D2.9 L4 Kubota V2403		Cummins QSF2.8 Deutz TD2.9 L4 / Kubota V2607	
Fuel Tank Capacity	39.6 (us gal)	150L	39.6 (us gal)	150L
Control Voltage	12V DC		12V DC	
Hydraulic Tank Capacity	39.6 (us gal)	150L	39.6 (us gal)	150L
Drive Mode	4WD		4WD	
Steering Mode	Front-wheel		Front-wheel	
Tire				
Type	355/55D-625 Foam-filled Tires		15-625 Foam-filled Tires	
Weight				
Gross	27337lb	12400kg	41667lb	18900kg



Range of Motion ZT20J



Range of Motion ZT26J

ZOOMLION TELESCOPIC BOOM LIFTS ZT34J/ZT38J

Comply with CE Standard



HIGHLIGHTS

- ▶ Platform dual capacity design, up to 660/1000lb(300/454kg)
- ▶ Smart telematic control interface with self-diagnostic monitoring capability
- ▶ Better work envelop performance, 10% larger than competitor
- ▶ 118ft 1in/36m working heights
- ▶ Smooth & stable boom extension technique controls the minimum stable extending speed at 0.015mph (0.034m/s)

FEATURES

Standard Features

Horn
All motion alarm
Proportional control
Self-closing entry gate
Flashing amber beacon
Auto-leveling system
Emergency stop button
Over tilt protection system
Emergency descent system
On-board diagnostic system
Oscillating axle
4.3' LED display
Load sensing system
Swing-out engine tray

Accessories & Options

- ▶ Platform work lights
- ▶ Anti-collision device
- ▶ AC power to platform
- ▶ Axle extending function

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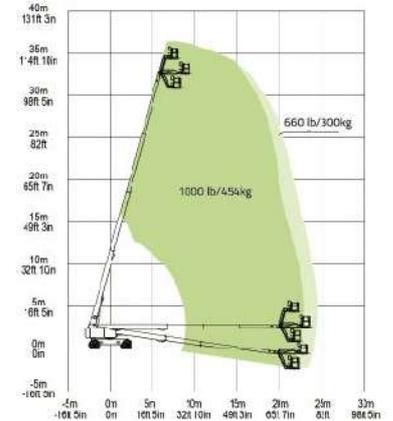
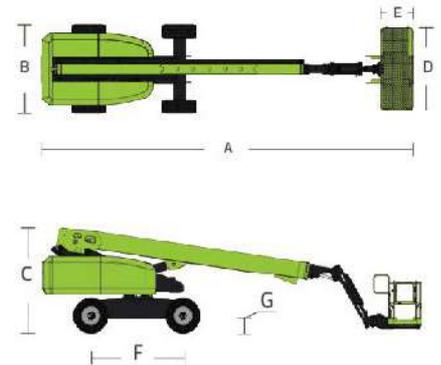
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MAIN SPECS OF TELESCOPIC BOOM LIFTS

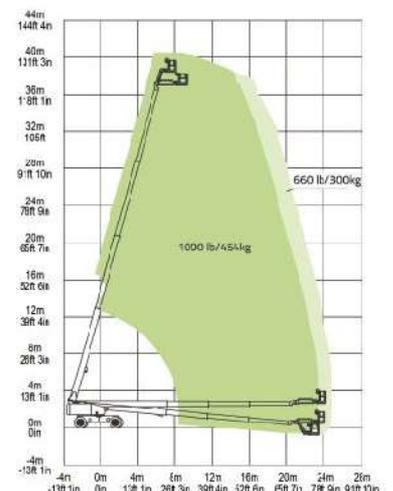
ZT34J/ZT38J

Comply with CE Standard

Model	ZT34J(ANSI/CSA)		ZT38J	
	Imperial	Metric	Imperial	Metric
Size				
Work Height	118ft 1in	36m	131ft 11in	40.2m
Platform Height	111ft 7in	34m	125ft 4in	38.2m
Horizontal Outreach	79ft 5in	24.2m	82ft	25m
A - Stowed Length	44ft 3in	13.50m	40ft 4in	12.3m
B - Stowed Width	8ft 2in	2.49m	8ft 2in	2.49m
C - Stowed Height	9ft 10in	3m	9ft 10in	3m
D - Platform Length	8ft	2.44m	8ft	2.44m
E - Platform Width	3ft	0.91m	3ft	0.91m
F - Wheelbase	12ft 6in	3.81m	12ft 6in	3.81m
G - Ground Clearance	1ft 4in	0.41m	1ft 4in	0.41m
Performance				
Platform Capacity (Unrestricted/Restricted)	660/1000lb	300/454kg	660/1000lb	300/454kg
Drive Speed (Stowed)	3.42mph	5.5km/h	3.42mph	5.5km/h
Gradeability	45%(24°)		45%(24°)	
Turning Radius (Inside)	9ft 2in/14ft 5in	2.8/4.4m	9ft 2in/14ft 5in	2.8/4.4m
Turning Radius (Outside)	20ft 4in/21ft 8in	6.2/6.6m	20ft 4in/21ft 8in	6.2/6.6m
Turntable Swing	360° continuous		360° continuous	
Platform Rotation	±90°		±90°	
Tail Swing	6ft 2in	1.88m	7ft 1in	2.16m
lib (Range of Articulation)	130°(-55°~75°)		135°(-60°~75°)	
Max. Working Slope	3°		3°	
Max. Wind Speed	28mph	12.5m/s	28mph	12.5m/s
Power				
Engine	Cummins QSF2.8 Kubota V2607		Cummins QSF2.8 Kubota V2607	
Fuel Tank Capacity	52.8 (us gal)	200L	52.8 (us gal)	200L
Control Voltage	12V DC		12V DC	
Hydraulic Tank Capacity	66 (us gal)	250L	66 (us gal)	250L
Drive Mode	4WD		4WD	
Steering Mode	Four wheels/Front wheel/Crab		Four wheels/Front wheel/Crab	
Tire				
Type	IN445/50D710 Foam-filled Tires		IN445/50D710 Foam-filled Tires	
Weight				
Gross	42328lb	19200kg	45591lb	20680kg



Range of Motion ZT34J



Range of Motion ZT38J

ZOOMLION

TELESCOPIC BOOM LIFTS

ZT42J

Comply with CE Standard

FEATURES

Standard Features

Horn
Proportional control
All motion alarm
Flashing amber beacon
Self-closing entry gate
Emergency descent system
Emergency stop button
Auto-leveling system
On-board diagnostic system
Tilt protection system
Oscillating axle
Load sensing system
4.3' LED display
Swing-out engine tray

Accessories & Options

- ▶ Platform work lights
- ▶ Anti-collision device
- ▶ AC power to platform
- ▶ Outrigger in-situ telescopic function

HIGHLIGHTS

- ▶ Perform dual capacity design, up to 660/1000lb(300/454kg)
- ▶ Rough terrain chassis features swing axle function, easy to achieve 45% gradeability
- ▶ Creative outrigger telescopic method; strong field applicability, low telescopic failure rate, and effective prevention of abnormal tire wear
- ▶ Smooth & stable boom extension, the telescopic efficiency of the boom is increased by 30% compared with that of the double-cylinder telescopic boom
- ▶ Better work envelop performance, 10% larger than competitor
- ▶ Zoomlion AWM Remote Monitoring and Rental Management System
- ▶ R-shaped slider and U-shaped channel steel design at the bottom of the boom, effectively reducing the lateral deflection of the boom
- ▶ U-shaped boom design effectively reduces the weight of the boom and deflection, and provides better machine stability
- ▶ Jib rotary function provides larger working range and more flexible motion
- ▶ Swing-out engine tray



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TELESCOPIC BOOM LIFTS

ZT42J

Comply with CE Standard

Model	ZT42J	
	Imperial	Metric
Size		
Work Height	144ft 7in	44.08m
Platform Height	138ft 1in	42.08m
Horizontal Outreach	82ft	25m
A - Stowed Length	42ft 8in	13m
B - Stowed Width	8ft 2in	2.49m
C - Stowed Height	9ft 10in	3m
D - Platform Length	8ft	2.44m
E - Platform Width	3ft	0.91m
F - Wheelbase	12ft 6in	3.81m
G - Ground Clearance	1ft 4in	0.41m
Performance		
Platform Capacity (Unrestricted/Restricted)	660/1000lb	300/454kg
Drive Speed (Stowed)	3.23mph	5.2km/h
Gradeability	45%(24°)	
Turning Radius (Inside)	10ft 10in/25ft 3in	3.3/7.7m
Turning Radius (Outside)	26ft 11in/35ft 5in	8.2/10.8m
Turntable Swing	360° continuous	
Platform Rotation	±90°	
Tail Swing	7ft 9in	2.36m
Jib (Range of Articulation)	130° (-55° ~ 75°)	
Max. Working Slope	3°	
Max. Wind Speed	28mph	12.5m/s
Power		
Engine	Cummins QSF2.8 / Kubota V2607	
Fuel Tank Capacity	52.8gal	200L
Control Voltage	12V DC	
Hydraulic Tank Capacity	66gal	250L
Drive Mode	4WD	
Steering Mode	Four wheels/Front wheel/Crab	
Tire		
Type	IN445/50D710 Foam-filled Tires	
Weight		
Gross	48281lb	21900kg

