

ZOOMLION

ZX23AE/ZX27AE SPIDER LIFTS

HIGHLIGHTS

- ▶ 0.89m ultra-narrow width, quick-change work platform, easy access to compact spaces
- ▶ Pure lithium-ion battery power features environmental protection and quiet operation
- ▶ Accurate and efficient permanent magnet synchronous motor provides strong power and stable control
- ▶ Non-marking rubber track suitable for all terrains
- ▶ Central layout, great structural rigidity, and small boom deflection
- ▶ Bus hydraulic valve control system offers stable and reliable movement
- ▶ Advanced energy management system supports synchronous power supply from external power supply, providing long-lasting battery life

CE Certified

Electrification
Sustainability

FEATURES

Standard Features

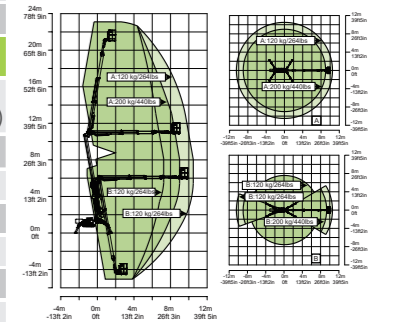
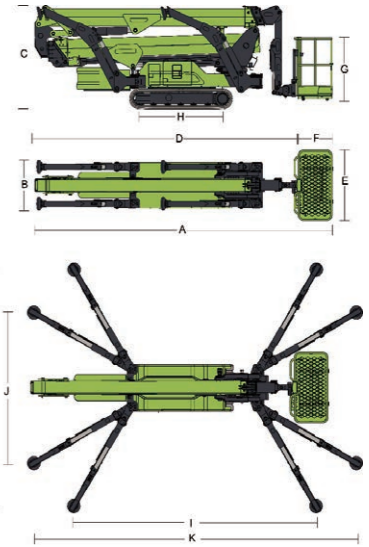
- ▶ Proportional control
- ▶ All motion alarm
- ▶ Flashing beacon
- ▶ Self-closing entry gate
- ▶ Emergency descent system
- ▶ Emergency stop button
- ▶ Auto-leveling system
- ▶ On-board diagnostic system
- ▶ Auto-leveling outrigger
- ▶ Non-marking rubber track
- ▶ Load sensing system
- ▶ Color display
- ▶ Horn
- ▶ Hour meter
- ▶ Use while charging
- ▶ Wireless remote
- ▶ Proportional handle steering
- ▶ 60A Lithium-ion Battery Smart Charger
- ▶ Battery level display
- ▶ Low battery protection

Accessories & Options

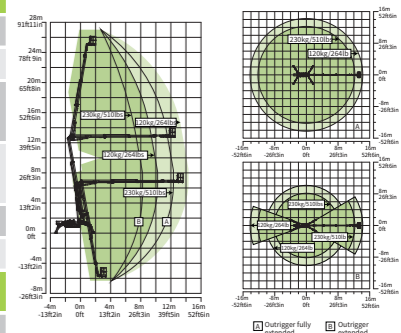
- ▶ AC power to platform
- ▶ Air line to platform

ZOOMLION

Model	ZX23AE		ZX27AE	
	Imperial	Metric	Imperial	Metric
Size				
Work Height	75ft 6in	23m	88ft 7in	27m
Platform Height	68ft 11in	21m	82ft	25m
Horizontal Outreach	34ft 5in	10.5m	49ft 7in	14.2m
Up and Over Height	35ft 8in	10.87m	40ft 10in	12.45m
Below Ground Reach	14ft 5in	4.4m	19ft	5.8m
A - Stowed Length (w/ platform)	17ft 10in	5.44m	20ft 2in	6.15m
D - Stowed Length (w/o platform)	16ft 4in	4.98m	18ft 8in	5.7m
B - Stowed Width	2ft 11in	0.89m	2ft 11in	0.89m
C - Stowed Height	6ft 8in	2.04m	6ft 9in	2.05m
E - Platform Length	4ft 7in	1.4m	4ft 7in	1.4m
F - Platform Width	2ft 4in	0.7m	2ft 4in	0.7m
G - Platform Height	4ft 1in	1.25m	4ft 1in	1.25m
H - Crawler Size (Length×Width)	5ft 9in×9in	1.755m×0.23m	6ft 4in×10in	1.931m×0.25m
I - Max Length w/ Outrigger Extending (Standard)	12ft 8in	3.85m	16ft 3in	4.95m
L - Max Width w/ Outrigger Extending (Standard)	12ft 8in	3.85m	14ft 8in	4.48m
K - Max Length w/ Outrigger Extending (Narrow)	16ft 5in	5m	21ft 2in	6.45m
J - Max Width w/ Outrigger Extending (Narrow)	8ft 6in	2.6m	9ft 5in	2.88m
Outrigger Pad Size (Diameter)	10ft	0.26m	10ft	0.26m
Approach Angle	25°		15°	
Departure Angle	27°		24°	
Performance				
Platform Capacity	400lb(restricted)/ 265lb(unrestricted)	200kg(restricted)/ 120kg(unrestricted)	510lb (restricted) 265lb (unrestricted)	230kg(restricted) 120kg(unrestricted)
Drive Speed	1.25mph	2km/h	1.25mph	2km/h
Gradeability	16.7°/30%		16.7°/30%	
Allowable Tilting Angle When Driving	10°/17%		10°/17%	
Turntable Swing	400° non-continuous		400° non-continuous	
Platform Rotation	±90°		±90°	
H-Tail Swing	0m		0m	
Max Leveling Angle	16°		16°	
Max Wind Speed	28 mph	12.5m/s	28 mph	12.5m/s
Power				
Battery	315Ah 48V		315Ah 48V	
Charger	48V/60A		48V/60A	
Drive Motor	Permanent magnet synchronous motor 48V		Permanent magnet synchronous motor 48V	
Lift Motor	Permanent magnet synchronous motor 48V		Permanent magnet synchronous motor 48V	
Auxiliary Power	Electric pump		Electric pump	
Hydraulic Tank Capacity	13.2 us gal	50L	13.2 us gal	50L
Tire				
Crawler type	Non-marking rubber track		Non-marking rubber track	
Weight				
Gross weight	6614 lb	3350kg	10251 lb	4650kg
Ground Pressure When Driving	33.5 kN/m ²		33.68kN/m ²	
Ground Pressure When Working (Standard)	2.26 kN/m ²		2.05kN/m ²	
Ground Pressure When Working (Narrow)	2.57 kN/m ²		2.45kN/m ²	
Pressure on Single Outrigger When Working	22.8KN		31.89KN	



Range of Motion ZX23AE



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ACCESS WITH ZOOMLION GREEN

Phone: 0086(731) 88353692
E-mail: awp@zoomlion.com

Add: 701 Xulong Nan Lu, Xiangjiang New District, Changsha Hunan, China
Web: www.zoomlion-access.com

ZOOMLION ACCESS reserves the right to make specification and/or equipment changes without prior notification. Product specifications are updated to May, 2025.