

ZX23AE / ZX27AE

SPIDER BOOM LIFTS

Comply with CE/ANSI/GB Standard

Highlights

- 0.89m ultraA-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

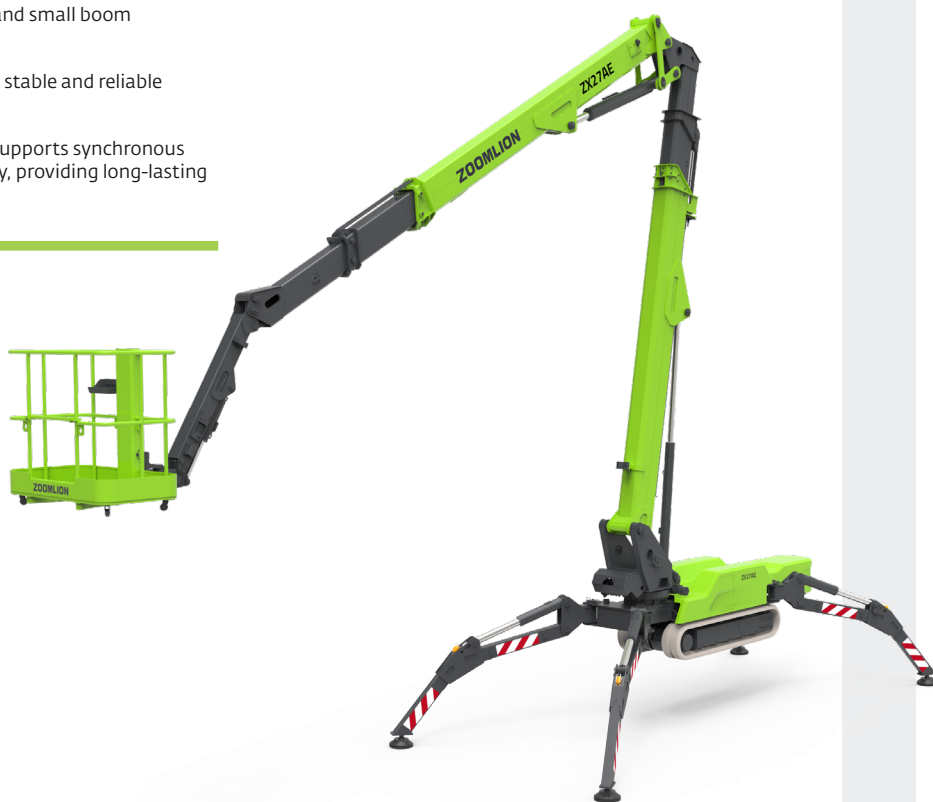
Features

Standard

- 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





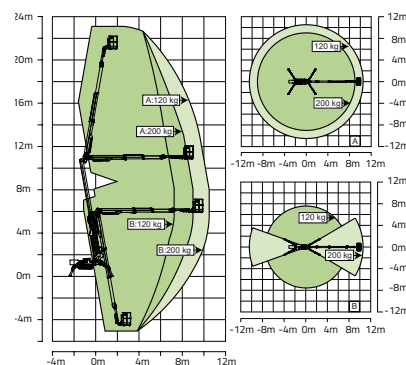
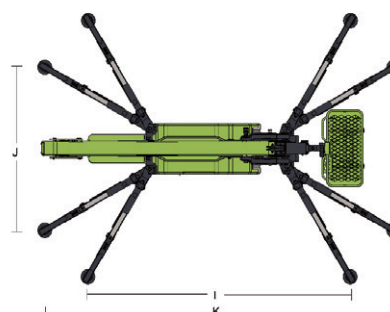
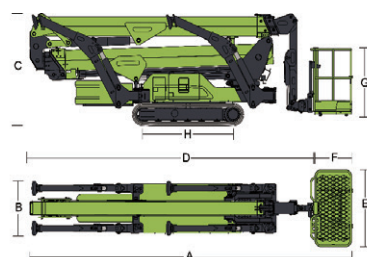
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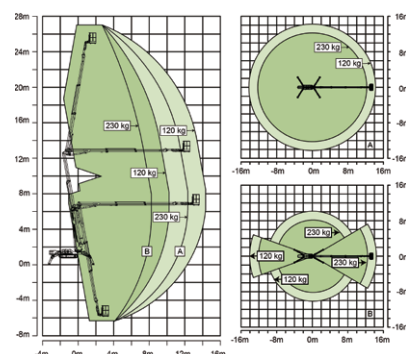
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Technical data

Model	ZX23AE	ZX27AE
Size		
Work Height	23 m	27 m
Platform Height	21 m	25 m
Horizontal Outreach	10.5 m	14.2 m
Up and Over Height	10.87 m	12.7 m
Below Ground Reach	4.4 m	5.8 m
A - Stowed Length (w/ platform)	5.44 m	6.15 m
D - Stowed Length (w/o platform)	4.98 m	5.7 m
B - Stowed Width	0.89 m	0.89 m
C - Stowed Height	1.99 m	2.05 m
E - Platform Length	1.4 m	1.4 m
F - Platform Width	0.7 m	0.7 m
G - Platform Height	1.25 m	1.25 m
H - Crawler Size (Length×Width)	1.124m × 0.23m	1.52m × 0.25m
I - Max Length w/ Outrigger Extending (Standard)	3.85 m	4.95 m
J - Max Width w/ Outrigger Extending (Standard)	3.85m	4.48 m
K - Max Length w/ Outrigger Extending (Narrow)	5 m	6.45 m
L - Max Width w/ Outrigger Extending (Narrow)	2.6 m	2.88 m
Outrigger Pad Size (Diameter)	0.26 m	0.26 m
Approach Angle	25°	15°
Departure Angle	27°	24°
Performance		
Platform Capacity	200kg (restricted) 120kg (unrestricted)	230kg (restricted) 120kg (unrestricted)
Drive Speed	2 km/h	2 km/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	12.5 m/s	12.5 m/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	50 l	50 l
Tire		
Crawler type	Non-marking rubber track	Non-marking rubber track
Weight		
Gross weight	3000 kg	4650 kg
Ground Pressure When Driving	29.6 kN/m ²	33.68 kN/m ²
Ground Pressure When Working (Standard)	1.98 kN/m ²	2.05 kN/m ²
Ground Pressure When Working (Narrow)	2.26 kN/m ²	2.45 kN/m ²
Pressure on Single Outrigger When Working	13.8 kN	31.89 kN



Range of Motion ZX23AE



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