

SPIDER LIFTS

SPA27EJ

Compliant with CE/GB standards

PRODUCT HIGHLIGHTS

Lightweight and Compact Design

- Weighing only 4.5 tons for superior portability and manoeuvrability.
- Ultra-compact stowed length (4.95m, without platform) to access and operate in confined spaces

Versatile and Stable Performance

- 14.2m outreach and 6m downward reach
- 360° continuous turntable rotation
- 3 AMP selections (max. 32A, 220V for high productivity) of charging
- 20 Hird cycles (far exceeding the demand of single work shift)
- Height and width adjustable crawler track, both-side and separately
- Zero tailswing for safe operation in limited spaces

User-Friendly and Easy to Maintainance

- An intuitive Graphical User Interface (GUI).
- Real-time status monitoring and fault alerts.
- One-click traveling function.
- Precision in Motion: Powered by Electric-Drive, Perfected by Control.
- One-touch stowing function.
- 3 independent emergency lowering systems



Standard Features

LFP Battery	Wireless remote control with wired backup mode	Electric-Drive
3 charging modes: 220V 10A / 16A / 32A	Proportional control	Non-marking tracks
height- and width-adjustable crawler track	Intelligent display	High/low travel speed
One-touch leg leveling and individual setting	Remote fault diagnosis system	AC power to platform
2-stage outrigger adjustment	Load weighing system	Self-leveling platform
One-touch stow function	Emergency descent system	Quick-release work platform
Multi-stage ground clearance adjustment for chassis	Automatic braking system	Two-stage load capacity work platform
Electrophoretic coating process	Buzzer/Warning light safety alert	+/- 90° basket rotation
Steel outrigger cylinder protection cover	File tray	

Options & Accessories

Optional charging adapter	Outrigger pad	Overhead anti-collision device
Remote control extension cable	GPS	Emergency stop at platform control

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Model	SPA27EJ	
Measurements		
Max Working Height	27 m	88'7"
Max Platform Height	25 m	82'0.2"
Max horizontal Reach	14.2 m	46'7"
Max Up and Over Clearance	13 m	42'7.8"
A Machine Length (Stowed, without platform)	4.95 m	16'3"
B Machine Width (Stowed, without platform)	0.9 m	2'11"
C Machine Height (Track stowed/extended)	1.99m/2.11m	6'6"/6'11"
Ground Clearance (Track stowed/extended)	0.175 m/0.295 m	6.9"/11.6"
Platform Size (L×W×H)	1.4 m×0.8 m×1.1 m	4'7"×2'7.4"×3'7.3"
Performance		
Platform Capacity	120 kg/230 kg	265 lbs/507 lbs
Max Occupants	2 persons	
Drive Speed (Max)	2 km/h	1.24 mph
Gradeability	30%	
D Approach angle	25°	
E Departure angle	16°	
Turntable Rotation	360 ° continuous	
Platform Rotation	±90°	
F Max Allowable Outrigger Height Difference (Raised)	0.5 m	1'7.7"
G Max Allowable Crawler Height Difference (Drive)	0.12 m	4.7"
Maximum Allowable Lateral Force	400 N	90 lbf
Maximum Allowable Wind Speed	12.5 m/s	28 mph
Track Spec/Type	1.309 m×0.25 m	4'4"×9.8"
Average pressure on the ground (Raised)	2.10 kN/m ²	0.30 PSI
Average pressure on the ground (Drive)	51.9 kN/m ²	7.53 PSI
Power		
Batteries	51.2 V,300 Ah	
Hydraulic Tank Capacity	55 L	12.1 gal (UK)/14.53 gal (US)
System Voltage	12 V DC	
Weight		
Weight	4,500 kg	9,921 lbs

