

SPIDER LIFTS

SPA33HJ

Compliant with CE/GB/EAC standards

PRODUCT HIGHLIGHTS

Excellent outreach

- Leading horizontal extension (19m)
- Double hinged articulating boom enhances flexibility and precision
- Superior performance for demanding applications

High efficiency

- Accessible
- Wireless remote control
- Easy replacement and transport
- Minimized selfweight and ground impact
- Variable crawler chassis increases adaptability in diverse terrains



Unique outrigger

- Three different options of outrigger working angles, providing adaptability to diverse field conditions
- Automatically limits the boom's operating range by detecting outrigger reaction forces, ensuring safe and stable work

| Standard Features | | |
|--|---|--|
| Maintenance-free battery | Dual emergency descent system | Remote control intelligent display |
| 3-stage outrigger adjustment | In-place steering | Kubota engine, 3-cylinder, 18.2 kW |
| Non-marking crawlers | Automatic braking system | Automatic leveling legs with individual settings |
| Wireless remote control | 3-load capacity work platform | Electrophoretic coating process |
| Outrigger load weighing and limit system | Electro-hydraulic self-leveling platform | Remote fault diagnosis system |
| Hybrid power system | Buzzer/warning light safety alert | High/low speed travel switch |
| Proportional control | Multi-stage adjustable ground clearance | Platform rotation $\pm 90^\circ$ |
| Quick-release work platform | Variable crawler height and width during travel | Load weighing system |
| AC power to platform | Engine protection against restart | |
| Options & Accessories | | |
| Document box | Outrigger pad | GPS |

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| Model | SPA33HJ |
|---|--|
| Dimensions | |
| Max Working Height | 33 m (108'3.2") |
| Max Platform Height | 31 m (101'8.5") |
| Max horizontal Reach | 19 m (62'3.4") |
| Max Up and Over Clearance | 10 m (32'9.7") |
| Machine Length (Stowed) | 7.3 m (23'11") |
| Machine Width (Stowed) | 1.35 m (4'5.2") |
| Machine Height (Stowed) | 1.99 m (6'6") |
| Ground Clearance (Crawler Retracted/Extended) | 46 mm/296 mm (1.8"/11.7") |
| Platform Size (L×W×H) | 1.4 m×0.8 m×1.1 m (4'7"×2'8"×3'7") |
| Performance | |
| Platform Capacity | 250 kg (551 lbs) |
| Max Occupants | 2 persons |
| Drive Speed (Stowed) | 0 ~ 1.85 km/h (0 ~ 1.14 mph) |
| Gradeability | 37% |
| Turntable Rotation | 380 ° |
| Platform Rotation | ±90° |
| Maximum Allowable Lateral Force | 400 N (90 lbf) |
| Maximum Allowable Wind Speed | 12.5 m/s (28 mph) |
| Crawler Spec/Type | 250 mm×52.5 mm(10"×2")/Non-marking rubber crawlers |
| Average Ground Pressure in Working State | 2.1 kN/m ² (0.31 PSI) |
| Maximum Pressure of Single Outrigger in Working State | 29 kN (6.52 Klbf) |
| Wireless Remote Control Distance | 100 m (328'10") |
| Power | |
| Engine power | 18.2 kw |
| Hydraulic Tank Capacity | 80 L (17.6 gal (UK)/21.1 gal (US)) |
| Fuel Tank Capacity | 38 L (8.3 gal (UK)/10 gal (US)) |
| Battery (Voltage, Capacity) | 24 V DC (C20:400AH;C5:350AH) |
| System Voltage | 24 V DC |
| Charger (Input Voltage/Output Current) | 185~265 V AC/80 A |
| Motor (Voltage/Power) | 24 V DC/4.5 kW |
| Weight | |
| Weight | 6,500 kg (14,330 lbs) |
| Standards Compliance | CE/GB/EAC |

