

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 Klf)
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

