

SPIDER LIFTS

SPT43HJ

Compliant with CE/GB/EAC standards

PRODUCT HIGHLIGHTS

Double jib

- 2 × 3m double jib, flexible operation
- Double jib design provides more operational possibilities
- Crossing and interspersing assignments
- Working over obstacles
- Maximum downward depth of 3 meters

High efficiency

- The width and narrowness of the front track are adjustable, with good passability in narrow track mode; Low center of gravity in wide track mode
- The height of the rear track can be adjusted, making climbing safer
- Controlled steering through the rear track, with good maneuverability

Unique outrigger

- 3 types of outrigger working angles, one more combination than competitors, stronger adaptability to the field
- Adaptive working range, limiting the operating range of the boom by detecting the reaction force of the outriggers



Standard Features

Maintenance-free battery	multi-position outrigger adjustment	Outrigger pad
Engine protection against restart	Electrophoretic coating process	Non-marking crawlers
High/low speed travel switch	+/-90° basket rotation	Remote fault diagnosis system
Dual emergency descent system	In-place steering	Automatic braking system
Wireless remote control	Outrigger load weighing and limit system	Hybrid power system
Proportional control	Quick-release work platform	AC power to platform
Remote control intelligent display	Kubota engine, 3-cylinder, 18.2 kW	Automatic leveling legs with individual settings
2-load capacity work platform	Electro self-leveling platform	Buzzer/warning light safety alert
Multi-stage adjustable ground clearance	Variable crawler height and width during travel	Torque limiting system

Options & Accessories

Outrigger pad	Document box	GPS
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Model	SPT43HJ
Dimensions	
Max Working Height	43 m (141'1")
Max Platform Height	41 m (134'6")
Max Working Range Ability	19.5 m (64')
A Machine Length (Stowed)	8.34 m (27'4")
B Machine Width (Stowed)	1.42 m (4'8")
C Machine Height (Stowed)	1.98 m (6'6")
Ground Clearance (Crawler Retracted/Extended)	75 mm/325 mm (2.9"/12.8")
Platform Size (L×W×H)	1.4 m×0.8 m×1.1 m (4'7"×2'8"×3'7")
Performance	
Platform Capacity	100 kg/200 kg (220 lb/441 lb)
Max Occupants	2 persons
Drive Speed (Stowed)	0 ~ 1.4 km/h (0 ~ 0.87 mph)
Gradeability	47%
Turntable Rotation (Degree/Continuous)	±190°
Platform Rotation	±90°
Turning Radius (Inside/Outside)	4.9 m (16'1")
Max Allowable Outrigger Height Difference (Raised)	1.2 m (3'11")
Max Allowable Crawler Height Difference (Drive)	0.25 m (10")
Maximum Allowable Lateral Force	400 N (90 lbf)
Maximum Allowable Wind Speed	12.5 m/s (28 mph)
Crawler Spec/Type	300 mm×52.5 mm (11.81"×2.07")/Non-marking rubber crawlers
Average Ground Pressure in Working State	1.9 KN/m ² (0.28 PSI)
Maximum Pressure of Single Outrigger in Working State	38.3 kN (8.61 Klbf)
Wireless Remote Control Distance	100 m (328'10")
Power	
Engine power	18.2 kW
Hydraulic Tank Capacity	125 L (27.5 gal (UK) /33.02 gal (US))
Hydraulic System Pressure	25 Mpa (3626 Psi)
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	8,500 kg (18,739.3 lbs)
Standards Compliance	CE/GB/EAC

