

# 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                           |
| GPS                                     |                                                 |                                                  |

#### Options & Accessories

|                           |              |  |
|---------------------------|--------------|--|
| Optional charging adapter | Document box |  |
|---------------------------|--------------|--|

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| Model                                              | SPT43HJ                                                       |
|----------------------------------------------------|---------------------------------------------------------------|
| <b>Dimensions</b>                                  |                                                               |
| 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")                    |
| <b>Performance</b>                                 |                                                               |
| Platform Capacity                                  | 200 kg (441 lbs)                                              |
| Max Occupants                                      | 2 persons                                                     |
| Drive Speed (Stowed)                               | 0 ~ 1.8 km/h (0 ~ 1.12 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 |
| Maximum pressure on the ground (Raised)            | 1.88 KN/m <sup>2</sup>                                        |
| Average pressure on the ground (Drive)             | 3.06 KN/m <sup>2</sup>                                        |
| Wireless Remote Control Distance                   | 100 m (328'10")                                               |
| <b>Power</b>                                       |                                                               |
| 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, 400 Ah                                                  |
| 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                                                |
| <b>Weight</b>                                      |                                                               |
| Weight                                             | 8,500 kg (18,739.3 lbs)                                       |
| <b>Standards Compliance</b>                        |                                                               |
| <b>CE/GB/EAC</b>                                   |                                                               |

