

# EC600 SERIES

## ELECTRIC BOOM LIFTS



### Performance

|                                           |                        |                          |
|-------------------------------------------|------------------------|--------------------------|
| Platform Height                           |                        |                          |
| EC600SJ/H600SJ                            | 60 ft 3 in.            | 18.36 m                  |
| EC600SJP/H600SJP                          | 60 ft 4 in.            | 18.39 m                  |
| Horizontal Outreach                       |                        |                          |
| EC600SJ/H600SJ                            | 43 ft 3 in.            | 13.18 m                  |
| EC600SJP/H600SJP                          | 44 ft 5 in.            | 13.54 m                  |
| Swing                                     | 400° Non-Continuous    |                          |
| Platform Capacity                         | 500 lb                 | 227 kg                   |
| Platform Rotator                          | 180° Hydraulic         |                          |
| Jib (Range of Articulation)               |                        |                          |
| EC600SJ/H600SJ                            | 145 Degrees - Vertical |                          |
| EC600SJP/H600SJP                          | 145 Degrees - Vertical | 180 Degrees - Horizontal |
| Weight <sup>1</sup>                       |                        |                          |
| EC600SJ/H600SJ                            | 17,210 lb              | 7,807 kg                 |
| EC600SJP/H600SJP                          | 17,210 lb              | 7,807 kg                 |
| Max. Ground Bearing Pressure <sup>2</sup> |                        |                          |
| EC600SJ/H600SJ                            | 52 psi                 | 3.7 kg/cm <sup>2</sup>   |
| EC600SJP/H600SJP                          | 51 psi                 | 3.6 kg/cm <sup>2</sup>   |
| Drive Speed                               | 3.0 mph                | 4.8 km/h                 |
| Gradeability 2WD                          | 30%                    |                          |
| Gradeability 4WD                          | 45%                    |                          |
| Turning Radius                            |                        |                          |
| Inside                                    | 4 ft                   | 1.22 m                   |
| Outside                                   | 15 ft 4 in.            | 4.67 m                   |

1. Certain options or country standards increase weight.

2. Ground bearing pressure applies to standard tires.

### Standard Specifications

#### Power Source

|                          |                        |         |
|--------------------------|------------------------|---------|
| Electrical System        | 48V DC                 |         |
| Batteries                | 8 x 6V, 415 amp-hr     |         |
| Drive Motors             | Dual Electric Traction |         |
| Generator Set (H Models) |                        |         |
| Diesel Engine            |                        |         |
| Kubota 45 amp            | 6.7 hp                 | 4.99 kW |
| Fuel Tank Capacity       | 13 gal                 | 49.21 L |

#### Hydraulic System

|              |                              |         |
|--------------|------------------------------|---------|
| • Capacity   | 48 gal                       | 181.7 L |
| • Motor/pump | Series Wound Motor/Gear Pump |         |

#### Tires

|            |                                      |
|------------|--------------------------------------|
| • Standard | 36 x 14-22.5 Non-Marking Foam Filled |
|------------|--------------------------------------|

### Standard Features

- 6 ft (1.83 m) Articulating Jib
- 6 ft (1.83 m) Vertical and Lateral
- Articulating Jib (EC/H600SJP Only)
- Platform Console Machine Status Light Panel\*
- 110V-AC GFI Receptacle in the Platform
- Tilt Light and Alarm
- Hourmeter
- Battery Condition Indicator
- Lifting/Tie Down Lugs
- 400 Degree Non-Continuous Rotation
- Removable Battery Box
- Oscillating Axle
- Manual Descent
- Automatic Traction Control (ATC)
- SCR Automatic Battery Charger
- All Motion Alarm
- Platform 30 x 72" (76 x 1.83 m) Side Entry
- Telematics-Ready Harness
- SkyGuard SkyLine™
- Load Sensing System



### Accessories & Options

- SkySense™
- 30 x 48 in. (0.76 x 1.22 m) Platform
- Soft Touch System (EC/H600SJ only)
- Platform Padding (30 x 72 in. Platform)
- 1200W Inverter
- Operators Tool Tray
- Inward Self-Closing Swing Gate
- Hostile Environment Kit<sup>3</sup>
- UL® EE Rating<sup>4</sup>
- Tow Package<sup>5</sup>
- Light Package<sup>6</sup>
- Cold Weather Package, Diesel<sup>7</sup>
- Platform Worklights
- Flashing Amber Beacon
- AGM Batteries, 390 amp-hr

3. Includes console cover, boom wipers and cylinder bellows.

4. Not available on multi-powered models.

5. 2WD only.

6. Includes head and tail lights, platform worklights and beacon.

7. Includes hydraulic tank heater, battery heater, and heated pad for block.

\*Provides indicator lights at platform control console for system distress, low fuel, 5 degree tilt light and footswitch status.

Note: Some options may increase lead time, and some option combinations may not be available.

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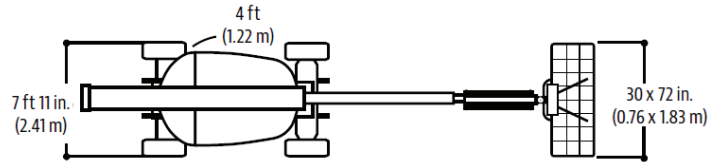
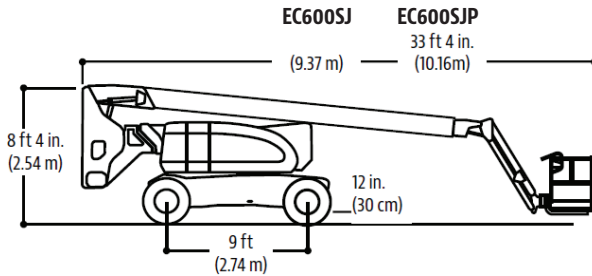


## Dimensions

All dimensions are approximate.

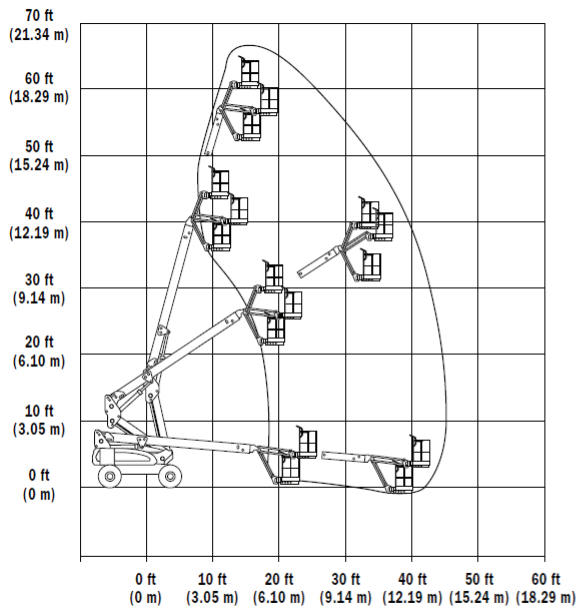
### EC/H600SJ

### EC/H600SJ

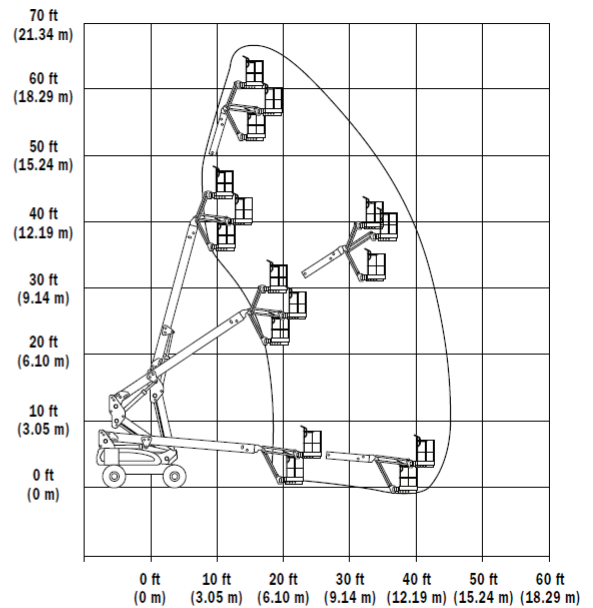


## Reach Diagrams

### EC600SJ



### EC600SJP



## The JLG "1 & 5" Warranty

We provide coverage for one (1) full year, and cover all specified major structural components for five (5) years. Due to continuous product improvements, we reserve the right to make specification and/or equipment changes without prior notification. This machine meets or exceeds applicable ANSI and CSA requirements based on machine configuration as originally manufactured for intended applications. Please reference the serial number plate on the machine for additional information.

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