## Performance

<table>
<thead>
<tr>
<th>Platform Height</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>E300AJ</td>
<td>30 ft 2 in.</td>
<td>9.19 m</td>
</tr>
<tr>
<td>E300AJP</td>
<td>29 ft 5 in.</td>
<td>8.96 m</td>
</tr>
<tr>
<td>E400AN/E400AJP/M400AJP</td>
<td>40 ft</td>
<td>12.19 m</td>
</tr>
<tr>
<td>E400APN/E400AJPN/M400AJPN</td>
<td>45 ft</td>
<td>13.72 m</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Horizontal Outreach</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>E300AJ</td>
<td>20 ft 3 in.</td>
<td>6.17 m</td>
</tr>
<tr>
<td>E300AJP</td>
<td>20 ft 1 in.</td>
<td>6.12 m</td>
</tr>
<tr>
<td>E400AN</td>
<td>21 ft 2 in.</td>
<td>6.45 m</td>
</tr>
<tr>
<td>E400AJP/M400AJP</td>
<td>22 ft 5 in.</td>
<td>6.83 m</td>
</tr>
<tr>
<td>E450A</td>
<td>23 ft 5 in.</td>
<td>7.24 m</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Up and Over Height</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>E300AJ/E300AJP</td>
<td>13 ft 2 in.</td>
<td>4.01 m</td>
</tr>
<tr>
<td>E400AN/E400AJP/M400AJP</td>
<td>21 ft 6 in.</td>
<td>6.55 m</td>
</tr>
<tr>
<td>E450A</td>
<td>24 ft 7 in.</td>
<td>7.49 m</td>
</tr>
</tbody>
</table>

| Swing                    | 360° Non-continuous
| Platform Capacity        | 500 lb 227 kg
| Platform Rotator         | 180° Hydraulic
| Weight                   | E300AJ 15,060 lb 6,831 kg
|                           | E300AJP 15,400 lb 6,985 kg
|                           | E400AN 13,100 lb 5,942 kg
|                           | E400AJP/M400AJP 13,700 lb* 6,214 kg
|                           | E400APN/M400APN 14,900 lb* 6,759 kg
|                           | E450A 12,600 lb 5,715 kg
|                           | E450AJP/M450AJ 14,400 lb* 6,532 kg
| Ground Bearing Pressure  | E300AJ/E300AJP 170 psi 11.95 kg/cm²
|                           | E400AN 95 psi 6.7 kg/cm²
|                           | E400AJP/M400AJP 80 psi 5.6 kg/cm²
|                           | E400APN/M400APN 185 psi 13 kg/cm²
|                           | E450A 95 psi 6.7 kg/cm²
|                           | E450AJP/M450AJ 110 psi 7.6 kg/cm²

| Max Drive Speed          | E300AJ/E300AJP 4.5 mph 7.2 km/h
|                           | E400AN/E400AJP/M400AJP 4.5 mph 7.2 km/h
| Gradeability             | E300AJ/E300AJP 25%
|                           | E400AN/E400AJP/M400AJP 30%
|                           | E450A/E450AJP 30%
| Turning Radius (inside)  | E300AJ/E300AJP 5 ft 1.52 m
|                           | E400AN 2 ft 10 in. 0.86 m
|                           | E400AJP/M400AJP 2 ft 0.61 m
|                           | E400APN/M400APN 2 ft 10 in. 0.86 m
|                           | E450A/E450AJP 2 ft 0.61 m
| Turning Radius (outside) | E300AJ/E300AJP 10 ft 2 in. 3.1 m
|                           | E400AN/E400AJP/M400AJP 10 ft 4 in. 3.15 m
|                           | E450A/E450AJP 10 ft 4 in. 3.15 m

*For M models, add 300 lb (136 kg).

## Standard Specifications

### Power Source
- **Electrical System**: 48V DC
- **Batteries**: 8 x 6V, 370 amp-hr (305 amp-hr on E300)
- **Drive Motors**: Dual Electric Traction—Brushless AC
- **Generator Set (M Models)**: Diesel Engine Kubota 45 amp 6.7 hp 4.99 kW
- **Fuel Tank Capacity**: 4 gal. 15.2 L

### Hydraulic System
- **Motor/Pump**: Permanent Magnet Motor/Gear Pump

### Tires
- **E300AJ/E300AJP**: 25 x 7 x 12 Non-marking
- **E400AN/E400AJP/M400AJP (front)**: 22 x 6 x 17.5 Non-marking
- **E400AN/E400AJP/M400AJP (rear)**: 25 x 7 x 12 Non-marking
- **E400AJP/M400AJP**: 240/55-17.5 Pneumatic
- **E450A/E450AJP/M450AJP**: 240/55-17.5 Pneumatic

### Standard Features
- Automatic Traction Control (ATC)
- Side Entry Platform
- 180 Degree Hydraulic Platform Rotator
- 110V-AC Receptacle on Platform
- Tilt Light and Alarm
- Hourmeter
- Battery Condition Indicator
- Lifting/Tie Down Lugs
- Horn
- All Motion Alarm
- Eight 6V 370 amp-hr Deep Cycle Batteries
- Brushless AC Motors

### Accessories & Options
- Inward Self-closing Swing Gate
- Platform Worklights
- Mesh to Top Rail—Bolt-on Aluminum
- Acrylic Console Shield
- Cylinder Bellows
- UL® EE Rating¹
- Flashing Amber Beacon
- Operator Tool Tray

1. Not available on Multi-powered models.
### Dimensions

All dimensions are approximate.

<table>
<thead>
<tr>
<th>A. Platform Size</th>
<th>B. Overall Width</th>
<th>C. Tailswing</th>
<th>D. Stowed Height</th>
<th>E. Stowed Length</th>
<th>F. Wheelbase</th>
<th>G. Ground Clearance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>E300AJ</strong></td>
<td>30 x 48 in. 0.76 x 1.22 m</td>
<td>E300AJ Zero</td>
<td>E300AJ 6 ft 7 in. 2.01 m</td>
<td>E300AJ 18 ft 2 in. 5.54 m</td>
<td>E300AJ 5 ft 5 in. 1.65 m</td>
<td>E300AJ 4 in. 10 cm</td>
</tr>
<tr>
<td><strong>E300AJP</strong></td>
<td>30 x 48 in. 0.76 x 1.22 m</td>
<td>E300AJP Zero</td>
<td>E300AJP 6 ft 7 in. 2.01 m</td>
<td>E300AJP 18 ft 10 in. 5.74 m</td>
<td>E300AJP 5 ft 5 in. 1.65 m</td>
<td>E300AJP 4 in. 10 cm</td>
</tr>
<tr>
<td><strong>E400AN</strong></td>
<td>30 x 48 in. 0.76 x 1.22 m</td>
<td>E400AN 4 in. 10 cm</td>
<td>E400AN 6 ft 7 in. 2.01 m</td>
<td>E400AN 18 ft 1 in. 5.53 m</td>
<td>E400AN 6 ft 7 in. 2.01 m</td>
<td>E400AN 5 ft 5 in. 1.65 m</td>
</tr>
<tr>
<td><strong>E/M400AJP</strong></td>
<td>30 x 60 in. 0.76 x 1.52 m</td>
<td>E/M400AJP 4 in. 10 cm</td>
<td>E/M400AJP 6 ft 7 in. 2.01 m</td>
<td>E/M400AJP 22 ft 6.71 m</td>
<td>E/M400AJP 6 ft 7 in. 2.01 m</td>
<td>E/M400AJP 8.5 in. 22 cm</td>
</tr>
<tr>
<td><strong>E/M400AJPN</strong></td>
<td>30 x 48 in. 0.76 x 1.22 m</td>
<td>E/M400AJPN 4 in. 10 cm</td>
<td>E/M400AJPN 6 ft 7 in. 2.01 m</td>
<td>E/M400AJPN 22 ft 6.71 m</td>
<td>E/M400AJPN 6 ft 7 in. 2.01 m</td>
<td>E/M400AJPN 5 in. 13 cm</td>
</tr>
<tr>
<td><strong>E450A</strong></td>
<td>30 x 60 in. 0.76 x 1.52 m</td>
<td>E450A Zero</td>
<td>E450A 6 ft 6 in. 1.98 m</td>
<td>E450A 19 ft 1 in. 5.82 m</td>
<td>E450A 6 ft 7 in. 2.01 m</td>
<td>E450A 8.5 in. 22 cm</td>
</tr>
<tr>
<td><strong>E/M450AJ</strong></td>
<td>30 x 60 in. 0.76 x 1.52 m</td>
<td>E/M450AJ Zero</td>
<td>E/M450AJ 6 ft 7 in. 2.01 m</td>
<td>E/M450AJ 21 ft 2 in. 6.45 m</td>
<td>E/M450AJ 6 ft 7 in. 2.01 m</td>
<td>E/M450AJ 8.5 in. 22 cm</td>
</tr>
</tbody>
</table>

### Reach Diagrams

#### E300

![Reach Diagram E300](image1)

#### E400

![Reach Diagram E400](image2)

#### E450

![Reach Diagram E450](image3)

### 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.