

# ES Series

## ELECTRIC SCISSOR LIFTS



**Compact Size and Narrow Widths For Ease of Access**



**CE Rated for Indoor/Outdoor Usage**



**Larger Platforms and Higher Capacities**

**1930ES**

**2030ES**

**2630ES**

**2646ES**

**3246ES**

**[www.jlg.com](http://www.jlg.com)**



**JLG**®

# Get the Power To Do More with the New ES Series

Never before has a series of electric scissor lifts delivered this much power and versatility for both indoor and outdoor applications. All JLG ES Series electric scissor lift models feature a super efficient electric drive system providing industry leading duty cycles and noticeably quieter operations. An improved control station provides convenient one-handed operation, while carefully designed integration of major components into single assemblies helps reduce service needs and operating costs. Plus, when coupled with one of our exclusive Workstation in the Sky™ accessories, the ES Series can provide you with a powerful advantage on any job.



# ES Series



## ▲ Higher Productivity

Compact and highly maneuverable, the narrow ES Series models provide the features needed by electricians, plumbers and facilities maintenance personnel.

## ▼ Larger Platforms

With large 44 in. x 98.5 in. (1.12 m x 2.5 m) main platforms and 50 in. (1.27 m) extensions, the wider ES Series models deliver the deck space and capacity needed to handle multiple personnel and long length material.



The ES Series offers the most popular machine sizes, performance features and capabilities demanded by users and provides powerful productivity at an economical price.

### Fold-Down Handrails

Four models have standard fold-down handrails for access through low doorways. The Model 2030ES features a particularly compact design as the fold-down handrails reduce overall height to a mere 71.5 in. (1.80 m).



### One-Handed Operation

Proportional drive and lift controls provide smoother operation while the control placement allows for more operator comfort.



### Skid-Resistant Deck

Built from non-corrosive, high quality aluminum, the new JLG deck features non-skid strips for less slip and more grip for the operator.



### Fits Through Narrow Aisles and Doorways

With three narrow 30 in. (76 cm) chassis models to choose from, operators enjoy an unprecedented amount of clearance through doorways and down tight aisles.



### Improved Mobility

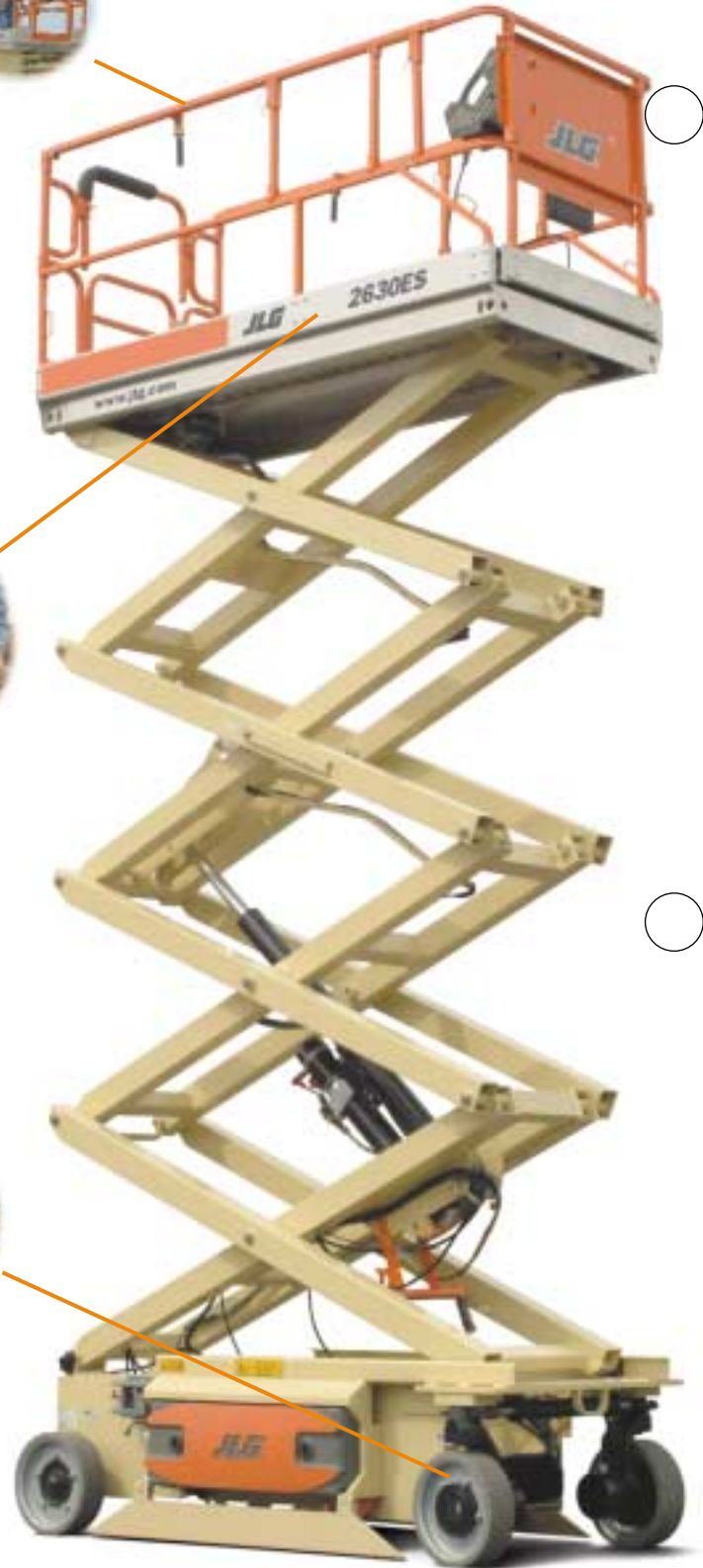
Front wheel drive and front wheel steering offer tight turning circles for superior traction and maneuverability. And, with 5.5 in. (13.9 cm)\* of ground clearance the ES Series travels easier over doorway thresholds and allows drive-on loading for trailers and roll-back trucks.



\*3.5 in. (8.8 cm) on 1930ES.

### Longer Battery Life and Faster Charge Time

Measurably longer duty cycles are complemented by a quick charge system to keep your JLG ES scissor lifts on the job.



## ES Narrow Models

- More narrow models with platform heights from 19 to 26 ft. (6 to 8 m).
- More clearance through doorways and aisles with 30-inch wide chassis
- More maneuverability with a tight turning radius
- More convenience with easier to use fold-down rails\*
- More flexibility and productivity with available accessories

\*Available on 2030ES and 2630ES

## ES Wide Models

- More platform capacity up to 1,000 lbs. (450 kg)
- More reach with platform heights to 32 ft. (9.68 m)
- More workspace with wider decks and platform extensions
- More productivity with pipe racks, panel carriers and other accessories

## Workstation in the Sky™ Accessories Available

### Efficient design, quiet operation

With modern styling, integration of major components into single assemblies, newly designed platforms, extensions and handrails, the ES Series of scissor lifts sets the industry standard for aesthetics, performance and cost of ownership.

#### ■ Longer battery life

The efficient ES Series electric drive enables more work cycles than any electric scissor lift on the market.



#### ■ Lower noise levels

The ES Series electric drive helps ensure quieter operation for more sound sensitive areas and applications such as office buildings, shopping malls, museums and schools.



#### ■ Integrated component design reduces operating costs

Integrated lift cylinder, valve, pump, motor and reservoir require only two hoses and four fittings, confining leak concerns to a single area.

Integrated motor, gearbox, spindle and brake facilitate service and troubleshooting while providing optimum power and performance.



#### ■ Panel Rack

A JLG exclusive, the Panel Rack accessory provides storage of panels at the base of the machine to move with the machine and the capabilities to elevate up to 200 lbs. (182 kg) based on model.

#### ■ Pipe Rack Accessory

JLG's exclusive Pipe Rack Accessory is designed to secure pipes close to where they are needed. The pipe rack is mounted to the top platform rail and can hold up to 200 lbs. (91 kg) of pipe based on model.



#### ■ Drywall Gate Option

The Drywall Gate Option features a lock-in-place entry gate that allows for loading and unloading of 4 ft. x 12 ft. (1.22 m x 3.66 m) drywall sheets or other larger cargo.



#### ■ QuikWelder™ Package

This on-board welder eliminates the need to move bulky tanks, welding units and lead cables from project to project. With 200 amps of power you can weld light to heavy gauge steel—up to 1/2 in. (1.27 cm) and 3/4 in. (1.9 cm) aluminum.

# ES Series Specifications

Model 1930ES

Model 2030ES

Model 2630ES

Model 2646ES

Model 3246ES

## Dimensional Data\*\*

<b>Platform Height – Elevated</b>	18 ft. 9 in. (5.72 m)	20 ft. (6.10 m)	25 ft. 5 in. (7.74 m)	26 ft. (7.92 m)	31 ft. 9 in. (9.68 m)
– Lowered	34 in. (0.86 m)	43.5 in. (1.10 m)	48.5 in. (1.23 m)	49.5 in. (1.26 m)	49.5 in. (1.26 m)
<b>Platform Railing Height</b>	43.3 in. (1.10 m)	43.3 in. (1.10 m)	43.3 in. (1.10 m)	43.3 in. (1.10 m)	43.3 in. (1.10 m)
<b>Overall Height</b>	6 ft. 5 in. (1.98 m)	7 ft. 2.8 in. (2.20 m)	7 ft. 2.8 in. (2.20 m)	7 ft. 7.8 in. (2.33 m)	7 ft. 7.8 in. (2.33 m)
– With Rails Folded	n/a	71.5 in. (1.80 m)	76.5 in. (1.94 m)	76.5 in. (1.94 m)	76.5 in. (1.94 m)
<b>Platform Dimensions</b>	30 in. x 73.5 in. (0.76 m x 1.7 m)	30 in. x 90.5 in. (0.76 m x 2.3 m)	30 in. x 90.5 in. (0.76 m x 2.3 m)	44 in. x 98.5 in. (1.12 m x 2.5 m)	44 in. x 98.5 in. (1.12 m x 2.5 m)
– Platform Extension	35.5 in. (0.9 m)	35.5 in. (0.9 m)	35.5 in. (0.9 m)	50 in. (1.97 m)	50 in. (1.97 m)
<b>Overall Machine Length</b>	6 ft. 1.5 in. (1.87 m)	7 ft. 6.5 in. (2.3 m)	7 ft. 6.5 in. (2.3 m)	8 ft. 2.5 in. (2.5 m)	8 ft. 2.5 in. (2.5 m)
<b>Overall Machine Width</b>	30 in. (76 cm)	30 in. (76 cm)	30 in. (76 cm)	46 in. (1.17 m)	46 in. (1.17 m)
<b>Wheelbase</b>	5 ft. 3 in. (1.6 m)	6 ft. 2 in. (1.88 m)	6 ft. 2 in. (1.88 m)	6 ft. 10 in. (2.09 m)	6 ft. 10 in. (2.09 m)
<b>Ground Clearance</b>	3.5 in. (8.8 cm)	5.5 in. (13.9 cm)	5.5 in. (13.9 cm)	5.5 in. (13.9 cm)	5.5 in. (13.9 cm)
<b>Tire Size, (Non-Marking Solid)</b>	318 mm x 100 mm (12.5 in. x 4 in.)	406 mm x 125 mm (16 in. x 5 in.)	406 mm x 125 mm (16 in. x 5 in.)	406 mm x 125 mm (16 in. x 5 in.)	406 mm x 125 mm (16 in. x 5 in.)

## Performance Data

<b>Platform Capacity</b>	500 lbs. (230 kg)	800 lbs. (360 kg)	500 lbs. (230 kg)	1,000 lbs. (450 kg)	700 lbs. (320 kg)
– Capacity On Deck Extension	250 lbs. (120 kg)	250 lbs. (120 kg)	250 lbs. (120 kg)	250 lbs. (120 kg)	250 lbs. (120 kg)
<b>Lift/Lower Time</b>	22/28 seconds	30/30 seconds	40/40 seconds	40/40 seconds	50/50 seconds
<b>Maximum Drive Height</b>	18 ft. 9 in. (5.72 m)	20 ft. (6.10 m)	25 ft. 5 in. (7.75 m)	26 ft. (7.92 m)	31 ft. 9 in. (9.68 m)
<b>Drive Speed, Lowered</b>	3.0 mph (4.82 kph)	2.75 mph (4.43 kph)	2.75 mph (4.43 kph)	2.5 mph (4.00 kph)	2.5 mph (4.00 kph)
<b>Drive Speed, Elevated</b>	0.5 mph (0.8 kph)	0.5 mph (0.8 kph)	0.5 mph (0.8 kph)	0.5 mph (0.8 kph)	0.5 mph (0.8 kph)
<b>Gradeability</b>	25%	25%	25%	25%	25%
<b>Turning Radius (Inside)</b>	0	0	0	0	0
<b>Turning Radius (Outside)</b>	69 in. (1.75 m)	81 in. (2.06 m)	81 in. (2.06 m)	95.1 in. (2.41 m)	95.1 in. (2.41 m)

## Power System/Chassis

<b>Batteries</b>	4 x 6V, 220 amp-hr	4 x 6V, 220 amp-hr	4 x 6V, 220 amp-hr†	4 x 6V, 220 amp-hr†	4 x 6V, 220 amp-hr†
<b>Charger</b>	20 Amp Automatic (120V/240V–50/60HZ)	20 Amp Automatic (120V/240V–50/60HZ)	20 Amp Automatic (120V/240V–50/60HZ)	20 Amp Automatic (120V/240V–50/60HZ)	20 Amp Automatic (120V/240V–50/60HZ)
<b>Pump</b>	Fixed Clearance Gear	Fixed Clearance Gear	Fixed Clearance Gear	Fixed Clearance Gear	Fixed Clearance Gear
<b>Hydraulic Reservoir</b>	0.95 gal. (3.6 L)	1.25 gal. (4.73 L)	1.25 gal. (4.73 L)	1.7 gal. (6.4 L)	1.7 gal. (6.4 L)
<b>Brakes (On Drive Wheels)</b>	Electric, Auto Friction	Electric, Auto Friction	Electric, Auto Friction	Electric, Auto Friction	Electric, Auto Friction
<b>Gross Vehicle Weight</b>	2,800 lbs. (1,270 kg)	3,700 lbs. (1,678 kg)	4,700 lbs. (2,131 kg)	4,495 lbs. (2,038 kg)	4,905 lbs. (2,224 kg)
<b>Rail Type</b>	Fixed	Fold Down	Fold Down	Fold Down	Fold Down
<b>Drive</b>	24V Electric (8 hp)	24V Electric (8 hp)	24V Electric (8 hp)	24V Electric (8 hp)	24V Electric (8 hp)

\*Special heights available. Consult factory.

\*\*Certain weights and dimensions may vary due to options and to compliance with country standards.

†Optional 4x6V, 245 amp-hr



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