

ES[®] Series

ELECTRIC SCISSOR LIFTS



Longer Duty Cycles Keep You On the Job Longer



Quieter, Cleaner Operation for Indoor Work Areas



Application-Specific Tools to Do Your Best Work

**1930ES
2030ES
2630ES
2646ES
3246ES**

www.jlg.com

The Perfect Fit for Professionals on Any Job

JLG ES Series electric scissor lifts are the perfect fit for professional contractors. ES Series scissor lifts provide more of what you need on every job. More duty cycles to keep you on the job longer. More flexibility to work in a wide variety of environments with cleaner, quieter operation. And more features and productivity-enhancing tools matched to your profession. The ES Series defines professional level performance and quality. From the super-efficient electric drive to the integrated component set that helps reduce scheduled service requirements and operating costs. Never before has a series of scissor lifts delivered so much power and versatility for both indoor and outdoor applications.



ES Series



ES Series Advantages:

- Double the duty cycles
- Lowest cost of ownership
- Cleaner, quieter operation
- Exclusive application-specific accessories
- Larger platforms and higher capacities
- Three 30 in. (76 cm) wide models fit through narrow doorways and aisles
- Automatic posi-traction
- Durable, non-skid aluminum deck
- More loading options—fork from side or rear, drive onto trucks
- Variable degree tilt sensing



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

Works Longer & Harder...



■ Exclusive Power System Helps You Pull Double Duty

With a super-efficient electric drive, the ES Series provides measurably longer work cycles than any other electric scissor lift on the market.

■ Higher Capacities & Larger Platforms

The ES Series can handle up to 1,000 lb (450 kg) on large 44 in. x 98.5 in. (1.12 m x 2.5 m) main platforms and up to 250 lb (113 kg) on 50 in. (1.27 m) extensions.

■ One-Handed Operation

Proportional drive and lift (up and down) controls provide a more natural position for better control and ease of operation.



■ Dual Capacities

Models 2630ES and 3246ES provide dual capacity. Push button selectable zones raise capacity at lower platform height.



■ Fit Through Narrow Aisles and Doorways

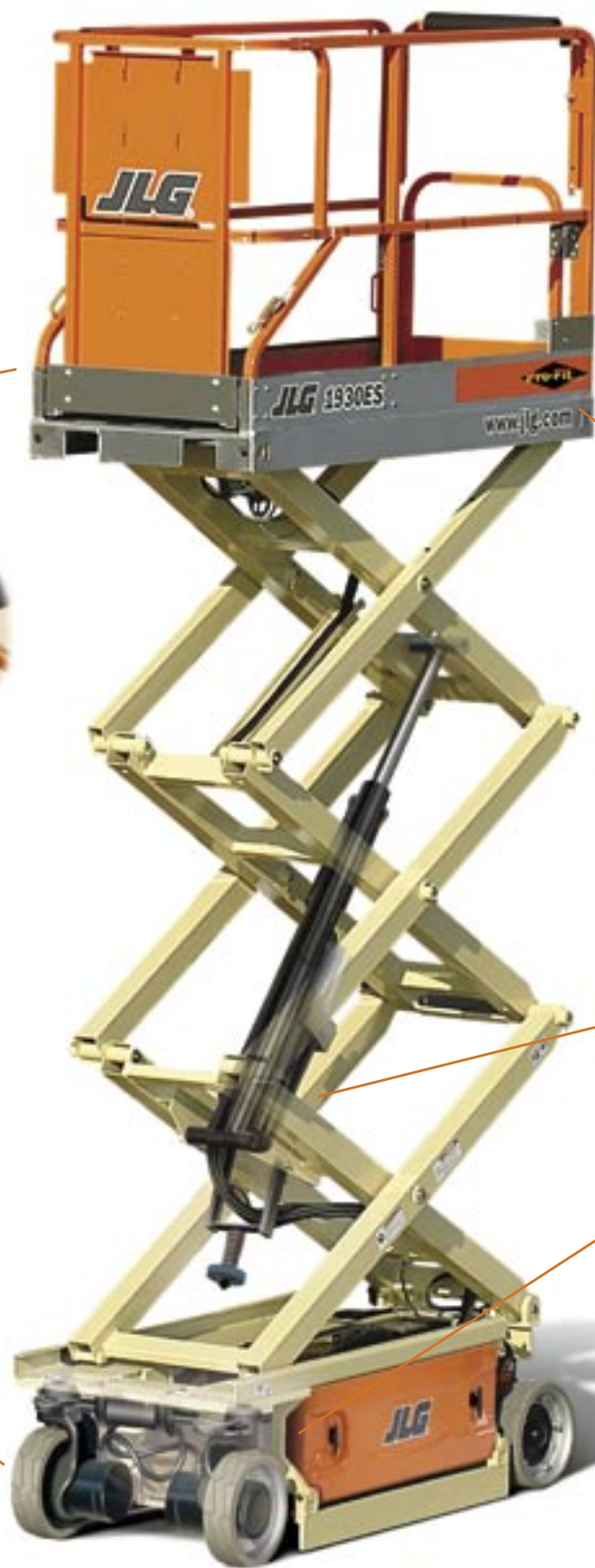
Three narrow 30 in. (76 cm) chassis models provide an unprecedented amount of clearance through doorways and down tight aisles.



■ Industry Best Mobility

Front-wheel drive and front-wheel steering offer tight turning circles for superior traction and maneuverability. And with a 5 in. (12.7 cm)* 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 certain models



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

*Standard on 2030ES and 2630ES

ES Wide Models

- More platform capacity up to 1,000 lb (454 kg)*
- More reach with platform heights to 32 ft (9.75 m)
- More workspace with wider decks and platform extensions
- More productivity with pipe racks, panel carriers and other accessories

*Dual rating on 3246ES 700/1,000 lb (318/454 kg)

Cleaner & Quieter...

■ Lower Noise Levels

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



■ Fold-Down Handrails

Standard on four models including the compact Model 2030ES, which allows access through doorways as low as 71.5 inches (1.82 m).



■ Skid-Resistant Deck

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

■ Smarter Design Reduces Operating Costs

Integrated lift cylinder, valve, pump, motor and reservoir require only two hoses and four fittings—improving reliability, reducing scheduled service requirements and increasing profits.

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

■ Easy Access

Slide-out steel battery trays are one of many features to facilitate servicing.



Quick Comparison

	ES Series	Terex	Skyjack™
Duty Cycles:			
19-foot models	151	80	74
26-foot narrow models	97	41	50
Fittings:	4	39	44
Hoses:	2	18	22
Accessories:	Quik Welder®	n/a	n/a
	Pipe Rack	Pipe Rack	n/a
	Workstation	n/a	n/a
	Panel Rack	n/a	n/a

Pipe Rack and Panel Rack options are not available on 1930 ES.

With the Right Tools for the Job

Optional Workstation in the Sky® Accessory Packages:

- Electrician's Package
- Plumber's Package
- Plant Maintenance Package
- Panel Carrier Accessory¹
- Pipe Rack Accessory¹
- Quik Welder® Package
- JLG Workstation

1. Not available on the 1930ES



These productivity-enhancing packages are designed for the specific needs of electricians, plumbers, mechanical contractors, drywall contractors and plant maintenance professionals. The packages include combinations of several of the following accessories: A workstation with workbench that holds a reciprocating saw, drill, circular saw, battery charger, components and an optional 12V plug to power tool chargers from the scissor lift batteries. Other packaged features include a rail mounted vice, pipe racks, wire spool holder, panel carrier and Quik Welder system.



ES Series Specifications

Model 1930ES

Model 2030ES

Model 2630ES

Model 2646ES

Model 3246ES

Dimensional Data*

Platform Height – Elevated	18 ft 9 in. (5.72 m)	20 ft (6.10 m)	25 ft 6 in. (7.77 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)
Platform Railing Height	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)
Overall Height	6 ft 5 in. (1.98 m)	7 ft 2.8 in. (2.20 m)	7 ft 7.8 in. (2.33 m)	7 ft 8.8 in. (2.36 m)	7 ft 8.8 in. (2.36 m)
– With Rails Folded	n/a	5 ft 11.5 in. (1.80 m)	6 ft 4.5 in. (1.94 m)	6 ft 5.5 in. (1.97 m)	6 ft 5.5 in. (1.97 m)
Platform Dimensions	30 in. x 73.5 in. (0.76 m x 1.87 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. (1.27 m)	50 in. (1.27 m)
Overall Machine Length	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)
– With Rails Folded	n/a	9 ft 1.5 in. (2.78 m)	9 ft 1.5 in. (2.78 m)	9 ft 9.5 in. (2.98 m)	9 ft 9.5 in. (2.98 m)
Overall Machine Width	30 in. (76 cm)	30 in. (76 cm)	30 in. (76 cm)	46 in. (1.17 m)	46 in. (1.17 m)
Wheelbase	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)
Ground Clearance	3.5 in. (8.8 cm)	3.5 in. (8.8 cm)	3.5 in. (8.8 cm)	5 in. (12.7 cm)	5 in. (12.7 cm)
Tire Size (Non-Marking Solid)	12.5 in. x 4 in. (31.8 cm x 10 cm)	16 in. x 5 in. (40.6 cm x 12.5 cm)	16 in. x 5 in. (40.6 cm x 12.5 cm)	16 in. x 5 in. (40.6 cm x 12.5 cm)	16 in. x 5 in. (40.6 cm x 12.5 cm)

Performance Data

Platform Capacity (ANSI)	500 lb (227 kg)	800 lb (363 kg)	500/800 lb (227/363 kg)	1,000 lb (454 kg)	700/1000 lb (318 /454 kg)
– Capacity On Deck Extension	250 lb (113 kg)	250 lb (113 kg)	250 lb (113 kg)	250 lb (113 kg)	250 lb (113 kg)
Lift/Lower Time	22/28 seconds	30/30 seconds	40/40 seconds	40/40 seconds	50/50 seconds
Maximum Drive Height	18 ft 9 in. (5.72 m)	20 ft (6.10 m)	25 ft 6 in. (7.77 m)	26 ft (7.92 m)	31 ft 9 in. (9.68 m)
Gross Vehicle Weight (ANSI/CSA)	2,750 lb (1,247 kg)	3,750 lb (1,700 kg)	4,750 lb (2,155 kg)	4,770 lb (2,163 kg)	4,780 lb (2,168 kg)
Ground Bearing Pressure	109 psi (7.66 kg/cm ²)	81 psi (5.69 kg/cm ²)	90 psi (6.32 kg/cm ²)	87 psi (6.11 kg/cm ²)	87 psi (6.11 kg/cm ²)
Drive Speed, Lowered	3.0 mph (4.82 kmph)	2.75 mph (4.43 kmph)	2.75 mph (4.43 kmph)	2.5 mph (4.00 kmph)	2.5 mph (4.00 kmph)
Drive Speed, Elevated	0.5 mph (0.8 kmph)	0.5 mph (0.8 kmph)	0.5 mph (0.8 kmph)	0.5 mph (0.8 kmph)	0.5 mph (0.8 kmph)
Gradeability	25%	25%	25%	25%	25%
Turning Radius (Inside)	0	0	0	0	0
Turning Radius (Outside)	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

Batteries	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†
Charger	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)
Pump	Fixed Clearance Gear	Fixed Clearance Gear	Fixed Clearance Gear	Fixed Clearance Gear	Fixed Clearance Gear
Hydraulic Reservoir	1.25 gal (4.73 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)
Brakes (On Drive Wheels)	Electric, Friction	Electric, Friction	Electric, Friction	Electric, Friction	Electric, Friction
Rail Type	Fixed	Fold Down	Fold Down	Fold Down	Fold Down
Drive	24V Electric (8 hp)	24V Electric (8 hp)	24V Electric (8 hp)	24V Electric (8 hp)	24V Electric (8 hp)

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

†Optional 4 x 6V, 245 amp-hr

The JLG “1 & 5” Warranty

JLG Industries, Inc. backs its products with its exclusive “1 & 5” Warranty. We provide coverage on all products 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 OSHA Regulations in 29 CFR 1910.67, 29 CFR 1926.453, ANSI A92.6-2006, and CSA Standard B354.2-01, as originally manufactured for intended applications.

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