

# E3 Series

## ELECTRIC SCISSOR LIFTS



- 1532E3
- 1932E3
- 2033E3
- 2046E3
- 2646E3
- 2658E3

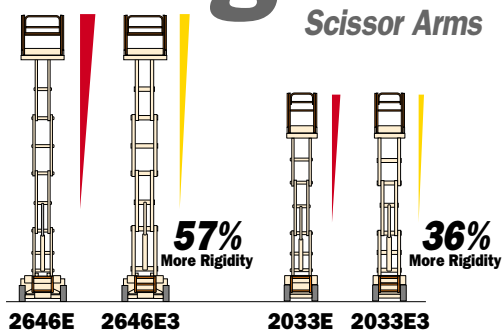
[www.jlg.com](http://www.jlg.com)



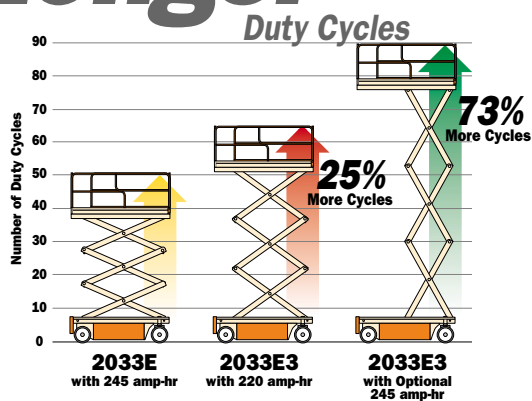


# The Best Just Got Better

## Stronger



## Longer

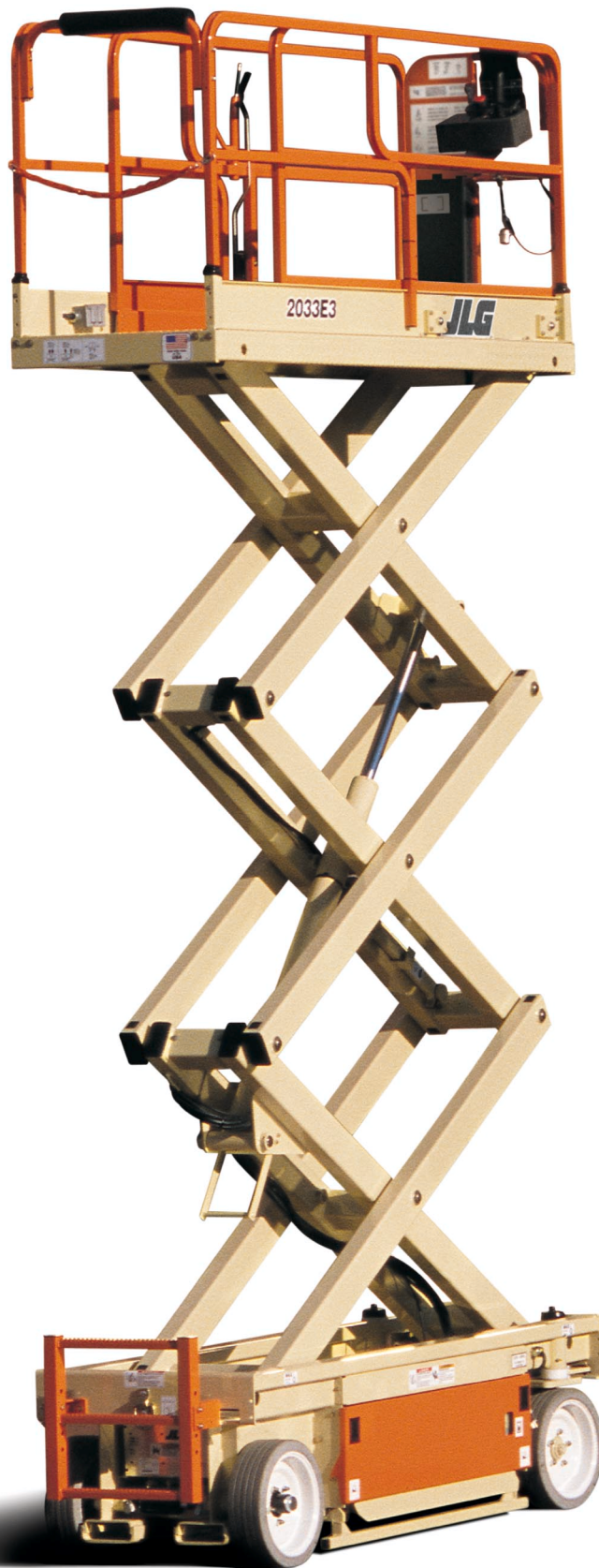


## Smarter

*Control Systems*



- More Rugged**
- Smoother Operation**
- Improved Diagnostics**





# Discover The Ultimate In Small Scissor Lifts

JLG Industries, Inc. reaches a new level of productivity with a new family of electric scissor lifts. The E3 Series combines all the advantages of our original E Series with the latest product innovations to provide top-of-the-line performance for both indoor and outdoor slab use. The E3 Series features a new and improved control system to provide smoother operation and more rigid scissor arms for a more solid feeling while on the platform. And, with the addition of a more efficient hydraulic system, the E3 Series provides longer duty cycles to stay on the job and get more work done.







## Optional Fold-Down Handrails Speed Access Through Entryways

With a simplified design and two-step folding process, the new, optional fold-down railing system offers ease of transport, reduced set-up time and provides improved accessibility through doorways and entryways.

(Fold-Down handrails standard on Models 2646E3, 2658E3)



## Innovative Platform Controls

Platform controls feature high-contrast colors and oversized graphic symbols. A durable membrane switch panel eliminates toggle switches. A single control lever provides full proportional control of drive and lift functions.



## More Rigid Scissor Arms

With the large cross members and large tubes on a new wide stance arm stack, the E3 Series provides increased rigidity for greater confidence on the job.

Improved pin and bushing tolerances provide more rigid support. The new arm stack also provides exceptional wear characteristics, higher corrosion resistance and an extended service life.

## Exceptional Steering Performance

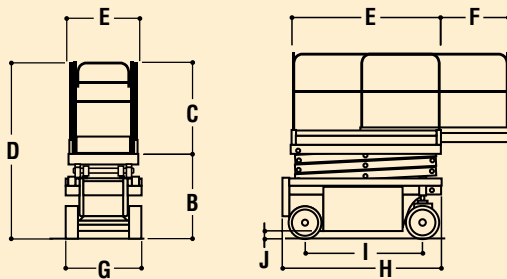
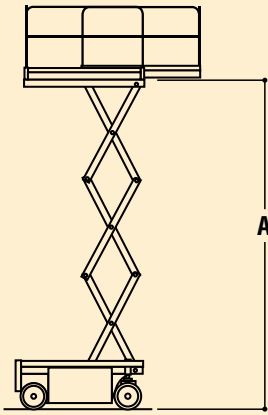
Front wheel drive and front wheel steering permit high steering angles and tight turning circles for superior maneuverability. A thumb actuated rocker switch on the single axis control lever conveniently controls steering.



## Longer Duty Cycles

Now you can stay on the job longer. The combination of our redesigned hydraulic system and the new and improved Smart System™ controls delivers more than enough cycle times for a typical work shift.

# 1532E3



## DIMENSIONAL DATA

A. Platform Height—Elevated	15 ft. (4.57 m)
B. Platform Height—Lowered	3 ft. (91 cm)
C. Platform Railing Height*	3 ft. 3.5 in. (1.0 m)
D. Overall Height	6 ft. 4 in. (1.93 m)
E. Platform Size	30 x 64 in. (0.76 x 1.63 m)
F. Platform Extension	3 ft. (91 cm)
G. Overall Width	2 ft. 8.5 in. (83 cm)
H. Overall Length	6 ft. 1 in. (1.85 m)
I. Wheelbase	4 ft. 2 in. (1.27 m)
J. Ground Clearance	3.0 in. (7.62 cm)
Platform Capacity	600 lbs. (272 kg)
Capacity on Deck Extension	250 lbs. (113 kg)
Lift/Lower Speed	22/18 seconds
Maximum Drive Height	Full Height
Gross Vehicle Weight**	2,630 lbs. (1,193 kg)

## CHASSIS

Drive Speed—Lowered	2.5 mph (4.03 kph)
Drive Speed—Elevated	0.5 mph (0.8 kph)
Gradeability	25%
Turning Radius (Inside)	Zero
Turning Radius (Outside)	60 in. (1.52 m)
Tire Size/Type	14 x 4.5 Non-Marking Solid
Brakes	Automatic Rear Wheel Parking

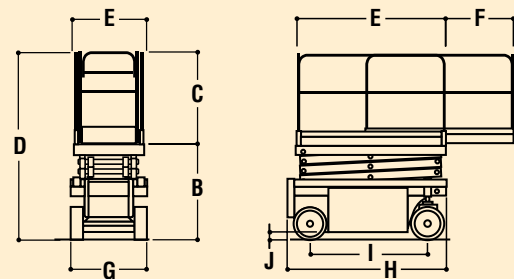
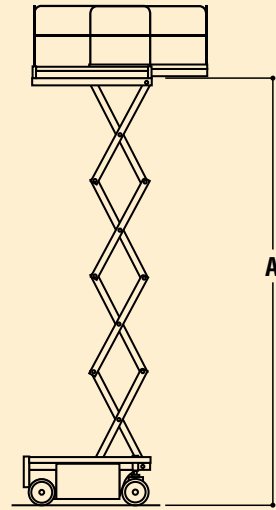
## POWER SYSTEM

Batteries	4 x 6V, 220 amp-hr
Charger	Automatic 24V DC
Electric Motor	4.5 hp (3.4 kW) Series Wound
Pump	Single Section Gear
Hydraulic Reservoir	3.7 gal. (14 L)

\*Special heights available, consult factory.

\*\*Certain options or country standards will increase weight.

# 1932E3



## DIMENSIONAL DATA

A. Platform Height—Elevated	19 ft. (5.79 m)
B. Platform Height—Lowered	3 ft. 4 in. (1.02 m)
C. Platform Railing Height*	3 ft. 3.5 in. (1.0 m)
D. Overall Height	6 ft. 7.5 in. (2.02 m)
E. Platform Size	30 x 64 in. (0.76 x 1.63 m)
F. Platform Extension	3 ft. (91 cm)
G. Overall Width	2 ft. 8.5 in. (83 cm)
H. Overall Length	6 ft. 1 in. (1.85 m)
I. Wheelbase	4 ft. 2 in. (1.27 m)
J. Ground Clearance	3.0 in. (8.0 cm)
Platform Capacity	500 lbs. (230 kg)
Capacity on Deck Extension	250 lbs. (113 kg)
Lift/Lower Speed	22/28 seconds
Maximum Drive Height	Full Height
Gross Vehicle Weight**	2,900 lbs. (1,315 kg)

## CHASSIS

Drive Speed—Lowered	2.5 mph (4.03 kph)
Drive Speed—Elevated	0.5 mph (0.8 kph)
Gradeability	25%
Turning Radius (Inside)	Zero
Turning Radius (Outside)	60 in. (1.52 m)
Tire Size/Type	14 x 4.5 Non-Marking Solid
Brakes	Automatic Rear Wheel Parking

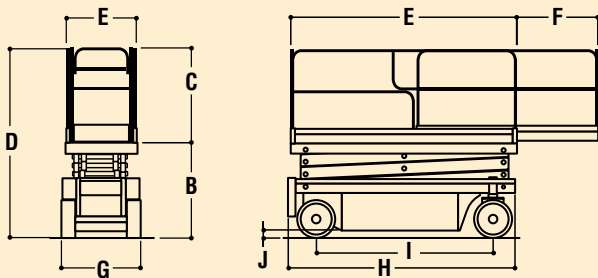
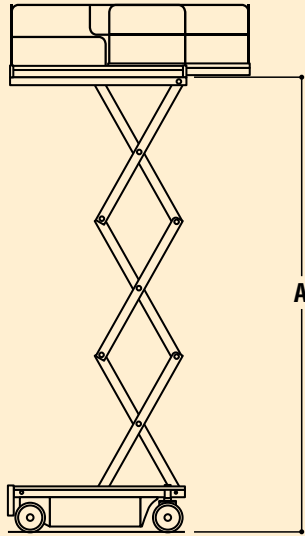
## POWER SYSTEM

Batteries	4 x 6V, 220 amp-hr
Charger	Automatic 24V DC
Electric Motor	4.5 hp (3.4 kW) Series Wound
Pump	Single Section Gear
Hydraulic Reservoir	3.7 gal. (14 L)

\*Special heights available, consult factory.

\*\*Certain options or country standards will increase weight.

# 2033E3



## DIMENSIONAL DATA

A. Platform Height—Elevated	20 ft. (6.1 m)
B. Platform Height—Lowered	3 ft. 3.5 in. (1.0 m)
C. Platform Railing Height*	3 ft. 3.5 in. (1.0 m)
D. Overall Height	6 ft. 7 in. (2.01 m)
E. Platform Size	30 x 94 in. (0.76 x 2.39 m)
F. Platform Extension	3 ft. (91 cm)
G. Overall Width	2 ft. 9 in. (84 cm)
H. Overall Length	8 ft. 3 in. (2.51 m)
I. Wheelbase	6 ft. 1 in. (1.85 m)
J. Ground Clearance	3.5 in. (9.0 cm)
Platform Capacity	750 lbs. (340 kg)
Capacity on Deck Extension	250 lbs. (113 kg)
Lift/Lower Speed	34/32 seconds
Maximum Drive Height	Full Height
Gross Vehicle Weight**	3,700 lbs. (1,678 kg)

## CHASSIS

Drive Speed—Lowered	2.75 mph (4.42 kph)
Drive Speed—Elevated	0.5 mph (0.8 kph)
Gradeability	25%
Turning Radius (Inside)	2 in. (5 cm)
Turning Radius (Outside)	80 in. (2.0 m)
Tire Size/Type	16 x 5 Non-Marking Solid
Brakes	Automatic Rear Wheel Parking

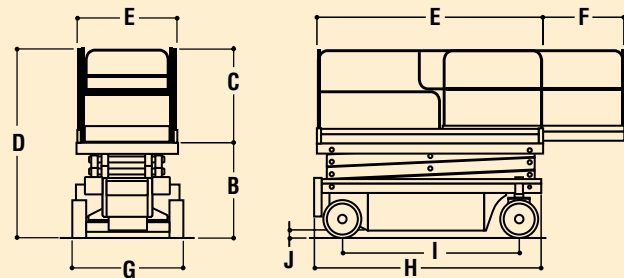
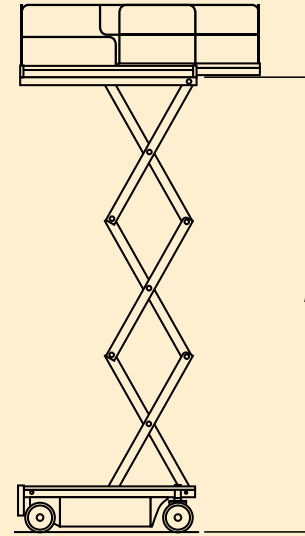
## POWER SYSTEM

Batteries	4 x 6V, 220 amp-hr
Charger	Automatic 24V DC
Electric Motor	4.5 hp (3.4 kW) Series Wound
Pump	Single Section Gear
Hydraulic Reservoir	4.0 gal. (15.2 L)

\*Special heights available, consult factory.

\*\*Certain options or country standards will increase weight.

# 2046E3



## DIMENSIONAL DATA

A. Platform Height—Elevated	20 ft. (6.1 m)
B. Platform Height—Lowered	3 ft. 3.5 in. (1.0 m)
C. Platform Railing Height*	3 ft. 3.5 in. (1.0 m)
D. Overall Height	6 ft. 7 in. (2.01 m)
E. Platform Size	42 x 94 in. (1.07 x 2.39 m)
F. Platform Extension	3 ft. (91 cm)
G. Overall Width	3 ft. 10 in. (1.17 m)
H. Overall Length	8 ft. 3 in. (2.51 m)
I. Wheelbase	6 ft. 1 in. (1.85 m)
J. Ground Clearance	3.5 in. (9.0 cm)
Platform Capacity	1,000 lbs. (450 kg)
Capacity on Deck Extension	250 lbs. (113 kg)
Lift/Lower Speed	36/32 seconds
Maximum Drive Height	Full Height
Gross Vehicle Weight**	3,940 lbs. (1,787 kg)

## CHASSIS

Drive Speed—Lowered	2.25 mph (3.62 kph)
Drive Speed—Elevated	0.5 mph (0.8 kph)
Gradeability	25%
Turning Radius (Inside)	16 in. (41 cm)
Turning Radius (Outside)	95 in. (2.41 m)
Tire Size/Type	16 x 5 Non-Marking Solid
Brakes	Automatic Rear Wheel Parking

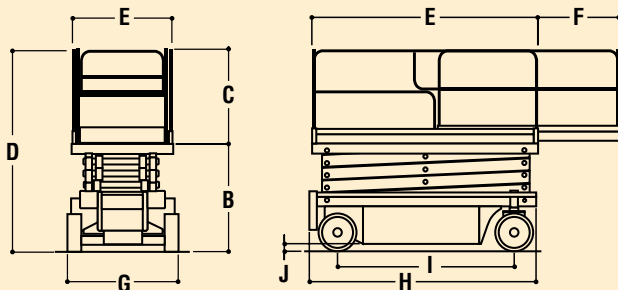
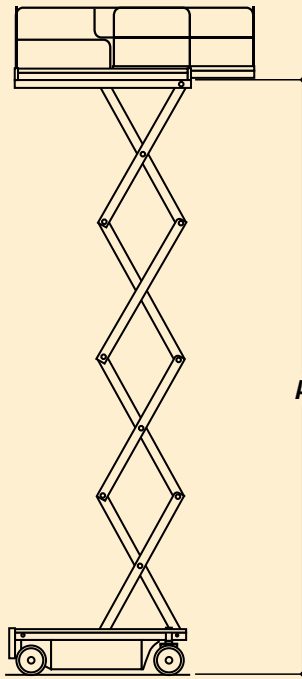
## POWER SYSTEM

Batteries	4 x 6V, 220 amp-hr
Charger	Automatic 24V DC
Electric Motor	4.5 hp (3.4 kW) Series Wound
Pump	Single Section Gear
Hydraulic Reservoir	4.0 gal. (15.2 L)

\*Special heights available, consult factory.

\*\*Certain options or country standards will increase weight.

# 2646E3



## DIMENSIONAL DATA

A. Platform Height—Elevated	26 ft. (7.92 m)
B. Platform Height—Lowered	3 ft. 9 in. (1.14 m)
C. Platform Railing Height*	3 ft. 7.5 in. (1.1 m)
D. Overall Height	7 ft. 4 in. (2.24 m)
Overall Height with Rails Folded	6 ft. 2.5 in. (1.89 m)
E. Platform Size	42 x 94 in. (1.07 x 2.39 m)
F. Platform Extension	3 ft. (91 cm)
G. Overall Width	3 ft. 10 in. (1.17 m)
H. Overall Length	8 ft. 3 in. (2.51 m)
I. Wheelbase	6 ft. 1 in. (1.85 m)
J. Ground Clearance	3.5 in. (9.0 cm)
Platform Capacity	750 lbs. (340 kg)
Capacity on Deck Extension	250 lbs. (113 kg)
Lift/Lower Speed	50/32 seconds
Maximum Drive Height	Full Height
Gross Vehicle Weight**	4,370 lbs. (1,982 kg)

## CHASSIS

Drive Speed—Lowered	2.25 mph (3.62 kph)
Drive Speed—Elevated	0.5 mph (0.8 kph)
Gradeability	25%
Turning Radius (Inside)	16 in. (41 cm)
Turning Radius (Outside)	95 in. (2.41 m)
Tire Size/Type	16 x 5 Non-Marking Solid
Brakes	Automatic Rear Wheel Parking

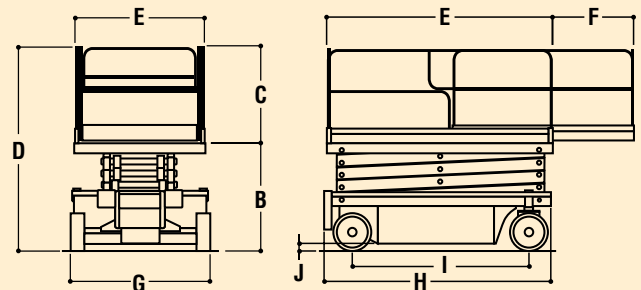
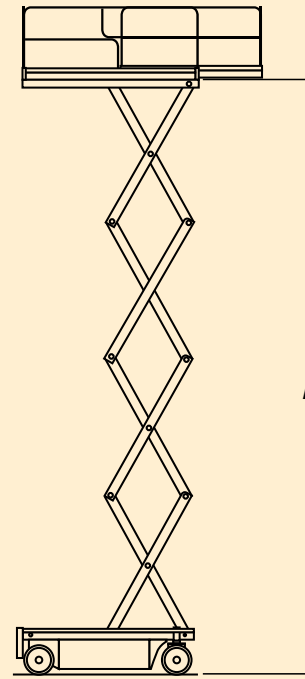
## POWER SYSTEM

Batteries	4 x 6V, 220 amp-hr
Charger	Automatic 24V DC
Electric Motor	4.5 hp (3.4 kW) Series Wound
Pump	Single Section Gear
Hydraulic Reservoir	4.0 gal. (15.2 L)

\*Special heights available, consult factory.

\*\*Certain options or country standards will increase weight.

# 2658E3



## DIMENSIONAL DATA

A. Platform Height—Elevated	26 ft. (7.92 m)
B. Platform Height—Lowered	3 ft. 9 in. (1.14 m)
C. Platform Railing Height*	3 ft. 7.5 in. (1.1 m)
D. Overall Height	7 ft. 4 in. (2.24 m)
Overall Height with Rails Folded	6 ft. 2.5 in. (1.89 m)
E. Platform Size	54 x 94 in. (1.37 x 2.39 m)
F. Platform Extension	3 ft. (91 cm)
G. Overall Width	4 ft. 10 in. (1.47 m)
H. Overall Length	8 ft. 3 in. (2.51 m)
I. Wheelbase	6 ft. 1 in. (1.85 m)
J. Ground Clearance	3.5 in. (9.0 cm)
Platform Capacity	1,000 lbs. (450 kg)
Capacity on Deck Extension	250 lbs. (113 kg)
Lift/Lower Speed	51/33 seconds
Maximum Drive Height	Full Height
Gross Vehicle Weight**	4,680 lbs. (2,123 kg)

## CHASSIS

Drive Speed—Lowered	2.25 mph (3.62 kph)
Drive Speed—Elevated	0.5 mph (0.8 kph)
Gradeability	25%
Turning Radius (Inside)	16 in. (41 cm)
Turning Radius (Outside)	100 in. (2.54 m)
Tire Size/Type	16 x 5 Non-Marking Solid
Brakes	Automatic Rear Wheel Parking

## POWER SYSTEM

Batteries	4 x 6V, 220 amp-hr
Charger	Automatic 24V DC
Electric Motor	4.5 hp (3.4 kW) Series Wound
Pump	Single Section Gear
Hydraulic Reservoir	4.0 gal. (15.2 L)

\*Special heights available, consult factory.

\*\*Certain options or country standards will increase weight.



# PERFORMANCE FEATURES



## Rugged Platform Features Standard Roll-Out Extension

Platform and extension decks feature rugged diamond tread steel plate flooring. Hand railing is constructed of durable square steel tubing. The extension deck rolls out smoothly on large diameter polyethylene rollers and is locked in place with corrosion resistant pins.



## Improved SMART System™ Controls



A more rugged control system offers greater reliability with smoother operation. Plus, troubleshooting is made easier through self-diagnostic testing.

## Standard Features

- 3 ft. Roll-Out Deck Extension
- Proportional Drive and Lift Controls
- Moveable, Removeable Platform Console Box
- Programmable "Personality" Settings
- On-Board Diagnostics
- Four 6V 220 Amp-Hour Deep Cycle Batteries
- 20 Amp Automatic SCR Charger
- Solid, Non-Marking Tires
- Positive Traction On-Demand
- Lubrication-Free Scissor Arm Bushings
- Scissor Maintenance Prop
- Manual Descent Pull Cable
- Swing-Out Battery/Electrical Compartment Door
- Tie Down Lugs
- Fork Lift Pockets
- Fold-Down Handrails on 2646E3 & 2658E3
- 2 Degree Slope Alarm and Light
- Descent Alarm

## Available Options

- 110V-AC Receptacle in Platform
- Battery Condition Indicator
- Hourmeter
- 4 ft. or 6 ft. Powered Deck Extension<sup>1</sup>
- Fold-Down Handrails<sup>2</sup>
- Swing Gate in lieu of Chain
- Platform Work Lights
- 1000 lb. Capacity<sup>3</sup>
- Horn
- Drywall Gate
- Solid High Flotation/Traction Tires<sup>4</sup>
- 800W-AC Generator<sup>5</sup>
- 245 Amp-hour Batteries in lieu of 220 Amp-Hour Batteries<sup>6</sup>
- EE Rating
- Lifting Lugs
- Travel Alarm
- All Motion Alarm
- Flashing Amber Beacon

1. 2033E3, 2046E3, 2646E3, and 2658E3 only, 750 lbs. capacity on 4 ft. powered deck extension, 350 lbs. capacity on 6 ft. deck extension.
2. Standard on 2646E3 and 2658E3.
3. Not available with power deck extension, or on 1532E3 and 1932E3.
4. 2046E3, 2646E3 and 2658E3 only.
5. Includes 110V outlet.
6. 245 A-H batteries not available on 1532E3 and 1932E3.

## Flexible Equipment Acquisition

JLG offers the most comprehensive package of equipment and financial options available to the aerial work platform industry. So, in addition to offering the best quality, best known products in the industry, we can provide you with creative and flexible choices for the equipment you acquire and the way you acquire it. We offer cost competitive rates and aggressive residuals, payment plans that are customized to your business, and responsive experts who understand business. We're ready to help with end-user financing, too.

## The JLG 1 & 5 Warranty

JLG Industries, Inc. backs our products with our 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) full 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 A92.6-1999, and CSA Standard B354.2 as originally manufactured for intended applications.

## JLG Industries, Inc.

1 JLG Drive  
McConnellsburg, PA 17233-9533  
Telephone 717-485-5161  
Toll-free in US 877-JLG-LIFT  
Fax 717-485-6417  
www.jlg.com

