

# ES Series Specifications

Model 1930ES

Model 2030ES

Model 2630ES

Model 2646ES

Model 3246ES

## Dimensional Data\*

<b>A. Platform Height – Elevated</b>	5.72 m (18 ft. 9 in.)	6.10 m (20 ft.)	7.75 m (25 ft. 5 in.)	7.92 m (26 ft.)	9.68 m (31 ft. 9 in.)
<b>B. Platform Height – Lowered</b>	0.86 m (2 ft. 10 in.)	1.10 m (3 ft. 7.5 in.)	1.23 m (4 ft. 0.5 in.)	1.26 m (4 ft. 1.5 in.)	1.26 m (4 ft. 1.5 in.)
<b>C. Platform Railing Height</b>	1.10 m (3 ft. 7.5 in.)	1.10 m (3 ft. 7.5 in.)	1.10 m (3 ft. 7.5 in.)	1.10 m (3 ft. 7.5 in.)	1.10 m (3 ft. 7.5 in.)
<b>Overall Height</b>	1.98 m (6 ft. 5 in.)	2.20 m (7 ft. 3 in.)	2.20 m (7 ft. 3 in.)	2.33 m (7 ft. 8 in.)	2.33 m (7 ft. 8 in.)
<b>D. Stowed Height (Rails Folded)</b>	n/a	1.81 m (5 ft. 11.5 in.)	1.94 m (6 ft. 4.5 in.)	1.94 m (6 ft. 4.5 in.)	1.94 m (6 ft. 4.5 in.)
<b>E. Platform Dimensions</b>	0.76 m x 1.87 m (2 ft. 6 in. x 6 ft. 1.5 in.)	0.76 m x 2.30 m (2 ft. 6 in. x 7 ft. 6.5 in.)	0.76 m x 2.30 m (2 ft. 6 in. x 7 ft. 6.5 in.)	1.12 m x 2.50 m (3 ft. 8 in. x 8 ft. 2.5 in.)	1.12 m x 2.50 m (3 ft. 8 in. x 8 ft. 2.5 in.)
<b>F. Platform Extension</b>	0.90 m (2 ft. 11.5 in.)	0.90 m (2 ft. 11.5 in.)	0.90 m (2 ft. 11.5 in.)	1.27 m (4 ft. 2 in.)	1.27 m (4 ft. 2 in.)
<b>G. Overall Machine Width</b>	0.76 m (30 in.)	0.76 m (30 in.)	0.76 m (30 in.)	1.17 m (46 in.)	1.17 m (46 in.)
<b>H. Overall Machine Length</b>	1.87 m (6 ft. 1.5 in.)	2.30 m (7 ft. 6.5 in.)	2.30 m (7 ft. 6.5 in.)	2.50 m (8 ft. 2.5 in.)	2.50 m (8 ft. 2.5 in.)
<b>I. Wheelbase</b>	1.60 m (5 ft. 3 in.)	1.88 m (6 ft. 2 in.)	1.88 m (6 ft. 2 in.)	2.09 m (6 ft. 10.5 in.)	2.09 m (6 ft. 10.5 in.)
<b>J. Ground Clearance</b>	0.09 m (3.5 in.)	0.09 m (3.5 in.)	0.09 m (3.5 in.)	0.14 m (5.5 in.)	0.14 m (5.5 in.)
<b>Tyre Size, (Non-Marking Solid)</b>	0.31 m x 0.10 m (12.5 in. x 4 in.)	0.40 m x 0.12 m (16 in. x 5 in.)	0.40 m x 0.12 m (16 in. x 5 in.)	0.40 m x 0.12 m (16 in. x 5 in.)	0.40 m x 0.12 m (16 in. x 5 in.)

## Performance Data

<b>Platform Capacity</b>	230 kg (500 lbs.)	360 kg (800 lbs.)	230 kg (500 lbs.)	450 kg (1,000 lbs.)	320 kg (700 lbs.)
<b>– Capacity On Deck Extension</b>	120 kg (250 lbs.)	120 kg (250 lbs.)	120 kg (250 lbs.)	120 kg (250 lbs.)	120 kg (250 lbs.)
<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>	5.72 m (18 ft. 9 in.)	6.10 m (20 ft.)	7.75 m (25 ft. 5 in.)	7.92 m (26 ft.)	9.68 m (31ft. 9 in.)
<b>Drive Speed, Lowered</b>	4.8 km/h (3.0 mph)	4.4 km/h (2.75 mph)	4.4 km/h (2.75 mph)	4.0 km/h (2.5 mph)	4.0 km/h (2.5 mph)
<b>Drive Speed, Elevated</b>	0.8 km/h (0.5 mph)	0.8 km/h (0.5 mph)	0.8 km/h (0.5 mph)	0.8 km/h (0.5 mph)	0.8 km/h (0.5 mph)
<b>Gradeability</b>	25%	25%	25%	25%	25%
<b>Turning Radius (Inside)</b>	0	0	0	0	0
<b>Turning Radius (Outside)</b>	1.75 m (5 ft. 9 in.)	2.06 m (6 ft. 9 in.)	2.06 m (6 ft. 9 in.)	2.41 m (7 ft. 11 in.)	2.41 m (7 ft. 11 in.)

## Power System/Chassis

<b>Batteries</b>	4 x 6V, 220 amp-hr	4 x 6V, 220 amp-hr	4 x 6V, 220 amp-hr <sup>1</sup>	4 x 6V, 220 amp-hr <sup>1</sup>	4 x 6V, 220 amp-hr <sup>1</sup>
<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	Pressure Balanced Gear	Pressure Balanced Gear
<b>Hydraulic Reservoir</b>	3.6 L (0.95 gal.)	4.73 L (1.25 gal.)	4.73 L (1.25 gal.)	7.1 L (1.9 gal.)	7.1 L (1.9 gal.)
<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>	1,565 kg (3,450 lbs.)	2,020 kg (4,450 lbs.)	2,155 kg (4,750 lbs.)	2,550 kg (5,620 lbs.)	2,725 kg (6,000 lbs.)
<b>Rail Type</b>	Fixed	Fold Down	Fold Down	Fold Down	Fold Down
<b>Drive</b>	6k W (8 hp)	6k W (8 hp)	6k W (8 hp)	6k W (8 hp)	6k W (8 hp)

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

<sup>1</sup> Optional 4x6V, 245 amp-hr

## Standard Features

0.90 m roll-out deck extension<sup>1</sup>, 1.27 m roll-out deck extension<sup>2</sup>, Removable platform console box, Lanyard attach points, Proportional drive speed control with thumb steer, Proportional lift/lower speed control, Joystick enable for drive and lift, 4 x 6V 220 A/hr deep cycle batteries. Automatic positive traction, Programmable "Personality" settings, On-board self-diagnostic testing, Slide-out battery/electrical compartment doors, 20 amp automatic SCR battery charger, Dual front wheel drive, Dual wheel brakes, Pothole protection system, AC cable to platform, Battery condition indicator, Hour meter, Fold down handrails<sup>3</sup>, Self-closing gate, Drywall gate, 450kg capacity<sup>4</sup>, Lubrication free scissor arm bushings, Scissor maintenance prop, Manual descent pull cable, Horn,

Non-marking solid tyres, Load Sensing System, Variable slope alarm and light, Tilt indicator, Tie down lugs, Fork lift pockets.

## Available Options

Platform work lights, 245 Amp-hour batteries in lieu of 220 Amp-hour batteries<sup>5</sup>, Lifting lugs, Travel alarm, All Motion Alarm, Descent alarm, Flashing amber beacon, Alarm package<sup>5</sup>

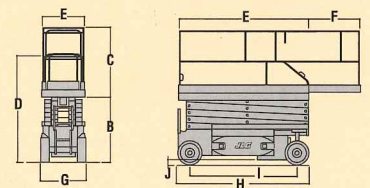
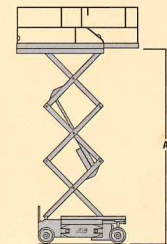
<sup>1</sup> Available on Models 1930ES, 2030ES and 2630ES only.

<sup>2</sup> Available on Models 2646ES and 3246ES only.

<sup>3</sup> Not available on Model 1930ES

<sup>4</sup> Available on Model 2646ES only

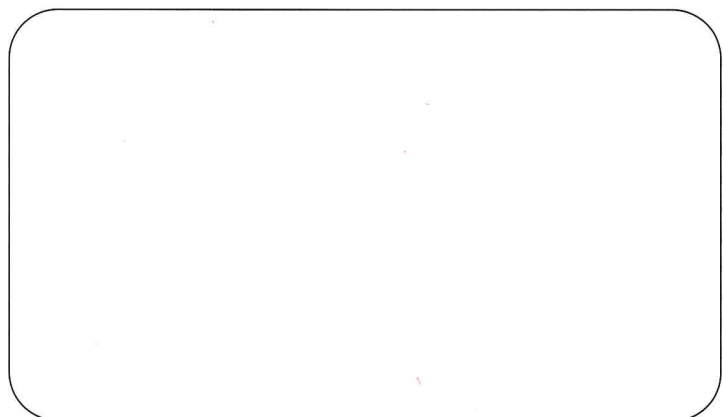
<sup>5</sup> Includes 2 degree slope alarm and light, amber beacon and all motion alarm.



## 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) 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 A92.6-1999, CAN3-B354.2-M82 and OSHA regulations in 29 CFR 1910.67 and 29 CFR 1926.453 as originally manufactured for intended applications.



**JLG Industries, Inc.**

Polaris Avenue 63  
2132 JH Hoofddorp  
The Netherlands  
Tel: +31 (0)23 565 5665  
Fax: +31 (0)23 557 2493  
e-mail address: europe@jlg.com

