

R SERIES

4045R ELECTRIC SCISSOR LIFT

JLG
reaching out®

Performance

Platform Height (Indoor)	39 ft 3 in.	11.97 m
Platform Height (Outdoor)	29 ft	8.8 m
Platform Capacity (Indoor)	770 lb	350 kg
Platform Capacity (Outdoor)	550 lb	250 kg
Capacity on Platform Extension	250 lb	113 kg
Lift/Lower Time	73/48 Seconds	
Maximum Drive Height (Outdoor)	29 ft	8.8 m
Maximum Drive Height (Indoor)	Full Height	
Weight*	7000 lb	3,175 kg
Ground Bearing Pressure	135 psi	9.49 kg/cm ²
Drive Speed-Elevated	0.5 mph	0.8 km/h
Drive Speed-Lowered	2 mph	3.2 km/h
Gradeability	25%	
Turning Radius (Inside)	Zero	
Turning Radius (Outside)	100 in.	2.54 m

* Certain options or country standards will increase weight.

Standard Specifications

Power Source

Batteries	24V DC (4 x 12V, 150 amp-hr batteries)
Charger	27 amp High Frequency Charger
Drive	Hydraulic Front-wheel

Hydraulic Reservoir

• Capacity	7.9 gal.	30 L
• Pump	Fixed Displacement Gear	

Tires

• Tire Size/Type (Non-Marking)	16 x 5 in.	406 x 127 mm
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Brakes

• Multi-Disc Friction

Standard Features

• Proportional Controls	• Self-centering arm stack
• Battery Condition Indicator	• Active Pothole Protection System
• 110V-AC Receptacle in Platform	• Lifting and Tie Down Points
• All Motion Alarm	• Fork Lift Pockets
• 27 amp Multi-Function Universal Charger	• 36 in. (91 cm) Foot-Actuated Deck Extension
• Horn	• Steel Swing-Out Doors
• Hourmeter	• Variable Tilt Window
• Tilt Alarm and Light	• Manual Descent Cable
• Lanyard Attach Points	• Diamond Tread Steel Deck
• Movable, Removable Platform Control	• Greaseless Kingpin Joints
• Nickel Plated Pins	• Analyzer Port for Diagnostics
• Lubrication Free Scissor Arm Bushings	• Dynamic Braking
• Scissor Maintenance Prop	• Removable Ladder



Accessories & Options

- Coiled Platform Control Box Cable
- Drive Motor Covers
- Extension Deployment Handles
- Fire Extinguisher
- Flashing Amber Beacon
- MDI (Ground)
- Anti-Vandalism PKG
- Eagle Performance Charger
- 900W Inverter
- Ambient Noise Alarm
- Platform Work Lights
- Batteries (12V - 185AH)
- Batteries (AGM) (12V - 150AH)
- Platform Padding
- Pipe Racks
- Panel Carrier
- JLG WorkStation

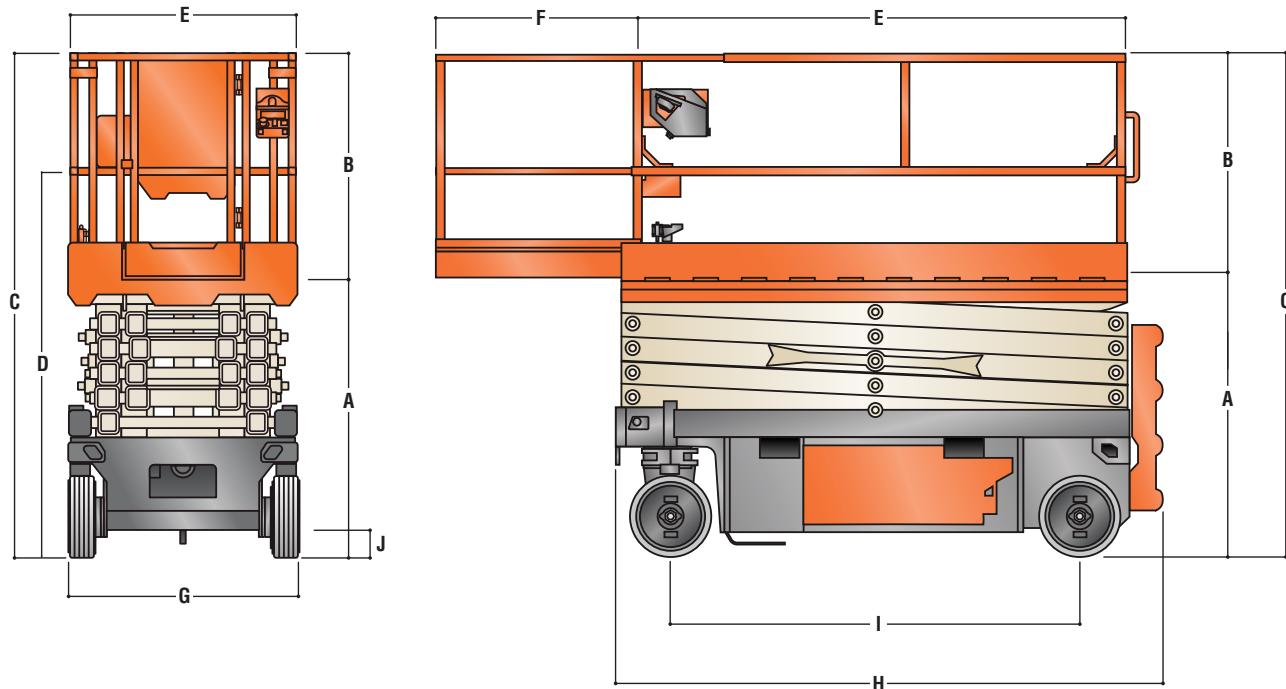
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Dimensions

All dimensions are approximate.



A. Platform Height-Lowered	55 in.	1.40 m
B. Platform Railing Height	44 in.	1.132 m
C. Overall Height	100 in.	2.53 m
D. Stowed Height, Rails Folded	75 in.	1.9 m
E. Platform Size	41 in. X 96 in.	1.05 m x 2.43 m
F. Platform Extension	36 in.	91 cm

G. Overall Width	45 in.	114.3 cm
H. Overall Length	106 in.	2.71 m
Overall Length, Ladder Removed	101 in.	2.56 m
I. Wheelbase	80 in.	2.03 m
J. Ground Clearance	5 in.	12.7 cm

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, and CSA Standard CAN3-B354.2-M82, as originally manufactured for intended applications.

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An Oshkosh Corporation Company

SJ4740

ELECTRIC SCISSORS



STANDARD FEATURES

- Drivable at full height
- Variable speed, front wheel hydraulic drive
- Dual holding brakes
- SKYCODED™ Color coded and numbered wiring system
- On-board visual interface with diagnostic capabilities
- Shroud style, impact resistant composite control box with extended cable
- Proportional controls for drive & lift functions
- Tilt Sensor (3.5° x 1.5°)
- 3' (0.91 m) Roll out extension deck
- 24V DC Power source
- Low voltage battery protection
- 25% Gradeability
- Solid rubber, non-marking tires
- Pothole protection system
- 110V AC Outlet on platform with GFI
- 28 mph (12.5 m/s) wind rating to 24' (7.32 m)
- Tilt alarm with drive & lift cut-out
- All motion audible alarm
- Lanyard attachment points
- Operator horn
- Forklift pockets and tie down/lift lugs
- Overload sensing system
- Fold down hinged railing system
- Half height spring hinged entry gate
- Telematics ready
- 2-Year Gold Leaf Warranty (5-year structural warranty)

OPTIONS

- Light duty pipe rack
- Heavy duty pipe rack
- Board carrier
- Tool caddy
- Flashing light
- Dual flashing lights
- 800W AC Inverter
- AGM Batteries
- Lockable swingout trays
- Full height spring hinged entry gate
- Bio oil
- Secondary Guarding Lift Enable (SGLE)
- Non-destructive testing
- ECOTRAY leak containment system
- ELEVATE telematics (3-year or 5-year plans available)
- ELEVATE Battery Management System (BMS)*
- Warranty options (3-year or 5-year plans available)

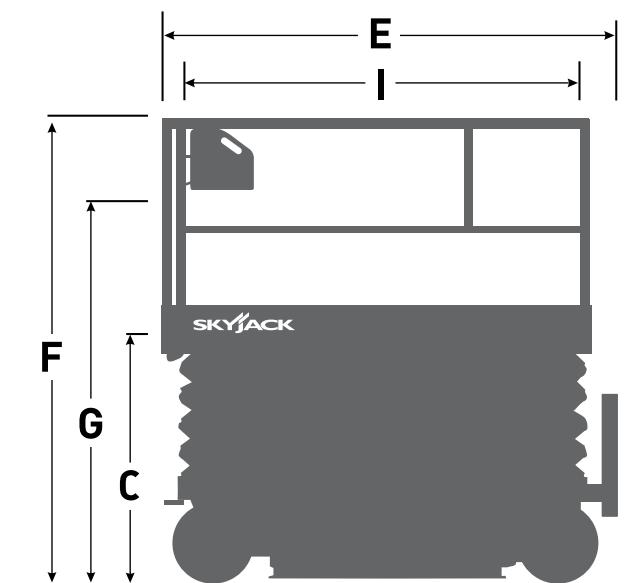
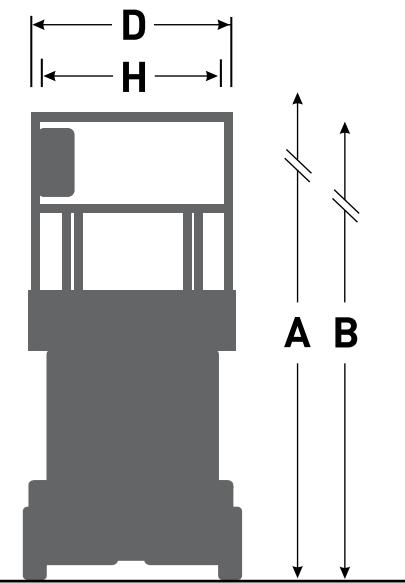
† Standard lead times may be increased when optional equipment is added, consult factory.
‡ Capacities and machine weights may differ when options are added.
* Only available with ELEVATE telematics

NA/ENG 06/2021

SKYJACK
simply reliable™

SJ4740 ELECTRIC SCISSORS

Dimensions		SJ4740
A Work Height		44' 11" (13.69 m)
B Raised Platform Height		38' 11" (11.86 m)
C Lowered Platform Height		56" (1.41 m)
D Overall Width		47" (1.20 m)
E Overall Length (Platform Retracted)		94.5" (2.40 m)
F Stowed Height (Rails Up)		99.5" (2.53 m)
G Stowed Height (Rails Down)		79.5" (2.03 m)
H Platform Width (Inside Railing)		42" (1.06 m)
I Platform Inside Length (Retracted)		86" (2.19 m)
Specifications		SJ4740
Extension Deck (Roll Out)		3' (0.91 m)
Ground Clearance (Pothole Raised)		4.5" (11.4 cm)
Ground Clearance (Pothole Deployed)		0.5" (1.3 cm)
Wheelbase		73" (1.85 m)
Weight		6,467 lbs (2,934 kg)
Gradeability		25%
Turning Radius (Inside)		17.5" (0.45 m)
Turning Radius (Outside)		99" (2.51 m)
Lift Time (With Rated Load)		68 sec
Lowered Time (With Rated Load)		41 sec
Drive Speed (Stowed)		1.9 mph (3.0 km/h)
Drive Speed (Raised)		0.5 mph (0.8 km/h)
Maximum Drive Height		Full Height
Capacity (Overall)		770 lbs (349 kg)
Distributed Capacity (Main Platform)		505 lbs (229 kg)
Distributed Capacity (Extension Deck)		265 lbs (120 kg)
Local Floor Load (With Rated Load)		139 psi (956 kPa)
Overall Floor Load (With Rated Load)		233 psf (1,137 kg/m ²)
Maximum # of persons at 0 mph (0 m/s) wind rating		3
Maximum # of persons up to 28 mph (12.5 m/s) wind rating		1 up to 24' (7.32 m)
Tire Type		Solid, N/M
Tire Size		16 x 5 x 12



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SKYJACK
 simply reliable

FEATURES

- **Award Winning i-Power System**

- ReGen power back to batteries
- Ramp control
- Elevated "Creep" speed
- Variable steer speeds
- High torque elevated drive
- Positive traction drive
- Adjustable speeds / heights
- Safe down

- **AGM Batteries**

for longer duty cycles & maintenance free service

- **Extreme Duty Cycle**

Up to 2 days operation on a single charge

- **Gradeability**

Up to 45% gradeability

- **Direct Electric Drive**

- **Power Take Off**

- **Elevated High Torque Mode**

- **Battery Management System**



SPECIFICATIONS		1930i		2632i		2646i		3346i		4046i		4555i		
Measurements	US	Metric	US	Metric	US	Metric	US	Metric	US	Metric	US	Metric	US	Metric
Working height maximum	25'	5.8 m	32'	10 m	32'	10 m	39'	12 m	46'	14.04 m	51' 11"	16 m		
Platform height maximum	19'	7.8 m	26'	8 m	26'	8 m	32' 8"	10 m	39' 6"	12.04 m	45' 11"	14 m		
Platform height - stowed	41.75"	1.06 m	49.5"	1.25 m	49.1"	1.24 m	54.4"	1.38 m	59.75"	1.51 m	60.5"	1.53 m		
Platform length - retracted	65"	1.65 m	91"	2.31 m	91.25"	2.31 m	91.25"	2.31 m	91.25"	2.31 m	106"	2.69 m		
Platform length - extended	100.5"	2.55 m	126.5"	3.21 m	127"	3.22 m	127"	3.22 m	127"	3.22 m	141.5"	3.59 m		
Platform extension deck length	36"	.91 m	36"	.91 m	36"	.91 m	36"	.91 m	36"	.91 m	36"	.91 m		
Platform width - outside	29"	.73 m	32"	.81 m	44"	1.12 m	44"	1.12 m	44"	1.12 m	44.5"	1.14 m		
Toeboard height	7"	18 cm	7"	18 cm	7"	18 cm	7"	18 cm	7"	18 cm	7"	18 cm		
Height - stowed	86.3"	2.19 m	94"	2.38 m	93.4"	2.37 m	98.7"	2.50 m	104"	2.64 m	105.25"	2.67 m		
Height - rails folded	70.75"	1.79 m	75"	1.90 m	73.1"	1.85 m	78.4"	1.99 m	77.5"	1.96 m	78"	1.98 m		
Length stowed	72"	1.83 m	98.75"	2.43 m	99"	2.51"	99"	2.51 m	99"	2.51 m	113.75"	2.89 m		
Length w/o ladder	65.75"	1.67 m	91"	2.31 m	91.25"	2.31 m	91.25"	2.31 m	91.25"	2.31 m	106"	2.69 m		
Width	30"	.76 m	32"	.81 m	45.5"	1.16 m	45.5"	1.16 m	45.5"	1.16 m	55"	1.39 m		
Wheelbase	54"	1.37m	72.8"	185 m	72.8"	185 m	72.8"	185 m	72.8"	185 m	87"	2.20 m		
Ground clearance - center - pothole bars deployed	3.25" .75"	8.3 cm 1.9 cm	4.5" .75"	11.5 cm 1.9 cm	4.5" .75"	11.5 cm 1.9 cm	4.5" .75"	11.5 cm 1.9 cm	4.5" .75"	11.5 cm 1.9 cm	4.5" .75"	11.5 cm 1.9 cm		
Productivity	US	Metric	US	Metric	US	Metric	US	Metric	US	Metric	US	Metric	US	Metric
Maximum platform occupancy	2		2		3		2		2		2			
Lifting capacity	510 lbs	230 kg	510 lbs	230 kg	992 lbs	450 kg	770 lbs	350 kg	770 lbs	350 kg	770 lbs	350 kg		
Extension deck capacity	250 lbs	113 kg	250 lbs	113 kg	264 lbs	120 kg								
Drive height	Full Height													
Drive speed - stowed	3.0 mph / 4.8 km/h													
Drive speed - raised	0.5 mph / 0.8 km/h													
Drive speed - raised creep mode	0.125 mph / 0.16 km/h													
Gradeability - stowed	45%				40%		35%		30%		30%			
Turning radius - inside	zero													
Raise speed	20 seconds	30 seconds	30 seconds	38 seconds	30 seconds	38 seconds	50 seconds	38 seconds	65 seconds	50 seconds	65seconds	50 seconds		
Lower speed	25 seconds	38 seconds	38 seconds	38 seconds	38 seconds	38 seconds	50 seconds	38 seconds	50 seconds	50 seconds	50 seconds	50 seconds		
Controls	Fully Proportional													
Drive	Direct Electric Positive Traction with Traction Control													
Tires - Solid, Non-marking	13"x4"	32x10 cm	15"x5" / 38cm x 12.7 cm											
Power	24v, 225Ah AGM													
Weight	US	Metric	US	Metric	US	Metric	US	Metric	US	Metric	US	Metric	US	Metric
ANSI / CE	3210 lbs	1455 kg	4610 lbs	2090 kg	5632 lbs	2560 kg	6450 lbs	2925 kg	6614 lbs	3000 kg	7298 lbs	3310 kg		

SAFETY

- Ramp control
- Non-skid platform deck
- Decent alarm
- Emergency lowering system
- Emergency shut-off at platform / lower controls
- Scissor maintenance lock
- Multi-axis variable tilt sensing digital

OPTIONS

- OWS (overhead warning system)
- EE rated
- Inverter



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