

# 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)

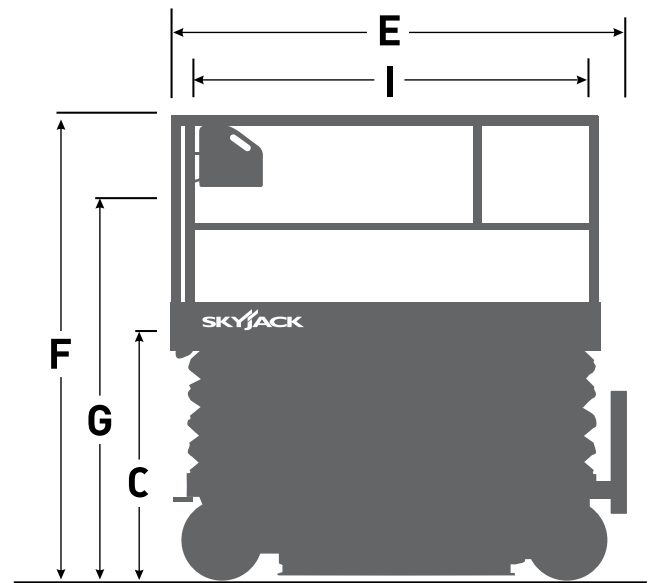
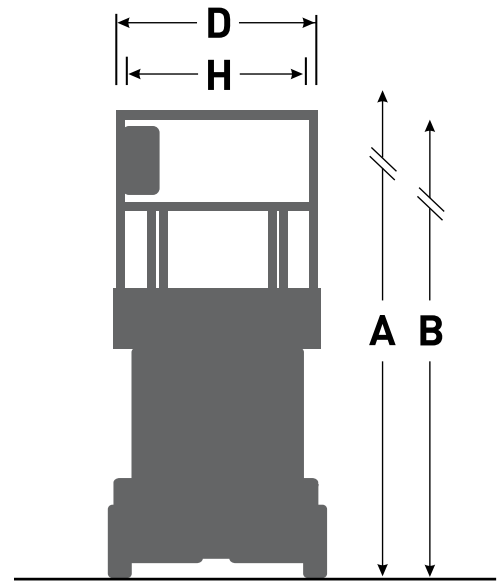
† Standard lead times may be increased when optional equipment is added, consult factory.

‡ Capacities and machine weights may differ when options are added.

\* Only available with ELEVATE telematics

# SJ4740 ELECTRIC SCISSORS

Dimensions	SJ4740
<b>A</b> Work Height	44' 11" (13.69 m)
<b>B</b> Raised Platform Height	38' 11" (11.86 m)
<b>C</b> Lowered Platform Height	56" (1.41 m)
<b>D</b> Overall Width	47" (1.20 m)
<b>E</b> Overall Length (Platform Retracted)	94.5" (2.40 m)
<b>F</b> Stowed Height (Rails Up)	99.5" (2.53 m)
<b>G</b> Stowed Height (Rails Down)	79.5" (2.03 m)
<b>H</b> Platform Width (Inside Railing)	42" (1.06 m)
<b>I</b> 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/m2)
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



Skyjack Head Office  
 55 Campbell Rd. Guelph, ON Canada N1H 1B9  
 Sales Inquiries: 1-877-755-4387 (1-877-SJLIFTS)  
 Main Switchboard: 1-800-265-2738  
 Phone: 519-837-0888  
 Fax: 519-837-8104  
 Email: skyjack@skyjack.com

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

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# GMG

Global Machinery Group, Inc.

# 46 Series-ED

## Electric Drive

### COMPACT SLAB SCISSOR LIFT



- ✓ **Maximum Performance**
- ✓ **Superior Components**
- ✓ **Environmentally Better**

#### STANDARD FEATURES:

- Direct Electric Drive - providing whisper quiet operation and extended duty cycles
- Drives at full height
- Fully proportional drive and lift
- Amazing gradeability
- Fully adjustable drive, steer, lift / lower speeds
- Automatic 'Smart' battery charger for quick charging
- Multiple disc brakes for smooth stopping
- Extra long slide-out deck with 4 oversized rollers for silky smooth operation
- Folding guardrails
- Easily fits through standard double doorways
- AC power cable to platform
- Swing out module for easy servicing
- Nitrate coated pins provide long lasting maintenance free service



**EXTREME GRADE**  
**FOR HEAVY CONSTRUCTION USE**

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Effective Date: January, 2018. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using GMG equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and we make no other warranty, express or implied.



# SPECIFICATIONS

MODELS	2646		3346		4046	
Measurements	US	Metric	US	Metric	US	Metric
Working height maximum	32'	10 m	39'	12 m	46'	14.04 m
<b>A</b> Platform height maximum	26'	8.0 m	32' 8"	10 m	39' 6"	12.04 m
<b>B</b> Platform height - stowed	46.5"	1.04 m	51.5"	1.31 m	56.3"	1.43 m
<b>C</b> Platform length - retracted	90.9"	2.31 m	90.9"	2.31 m	90.9"	2.31 m
- extended	130.7"	3.32m	130.7"	3.32m	130.7"	3.32m
Slide-out platform extension deck	39"	1 m	39"	1 m	39"	1 m
<b>D</b> Platform width - outside	45.2"	1.15 m	45.2"	1.15 m	45.2"	1.15 m
Toeboard height	6"	0.15 m	6"	0.15 m	6"	0.15 m
<b>E</b> Height - stowed	88.5"	2.25 m	96"	2.44 m	100.5"	2.52 m
rails lowered	66.5"	1.69 m	69.4"	1.76 m	77"	1.96 m
<b>F</b> Length stowed	97"	2.46 m	97"	2.46 m	97"	2.46 m
w/o ladder	91.5"	2.32 m	91.5"	2.32 m	91.5"	2.32 m
<b>G</b> Width	46"	1.17 m	46"	1.17 m	46"	1.17 m
<b>H</b> Wheelbase	72.8"	1.85 m	72.8"	1.85 m	72.8"	1.85 m
<b>I</b> Ground clearance - center	4"	10 cm	4"	10 cm	4"	10 cm
- pothole bars deployed	.75"	1.9 cm	.75"	1.9 cm	.75"	1.9 cm

## Productivity

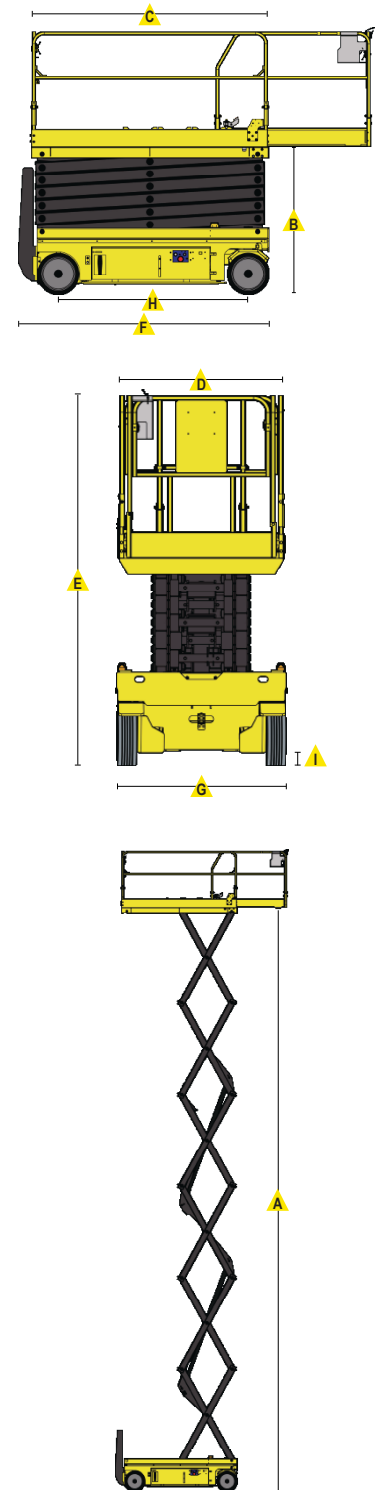
Maximum platform occupancy	3		2		2	
Lifting capacity	992 lbs	450 kg	771 lbs	350 kg	771 lbs	350 kg
Extension deck capacity	264 lbs	120 kg	264 lbs	120 kg	264 lbs	120 kg
Drive height	Full Height					
Drive speed - stowed	2.5 mph / 4.02 km/h					
Drive speed - raised	0.45 mph / 0.7 km/h					
Gradeability - stowed	35%		30%		25%	
Turning radius - inside	0" / 0 m					
Turning radius - outside	79" / 2 m					
Raise speed	39 seconds		50 seconds		65 seconds	
Lower speed	31 seconds		38 seconds		50 seconds	
Controls	Fully Proportional					
Drive	Direct Electric					
Tires - Solid, Non-marking	16" x 5" / 40.6 x 12.7 cm					

## Power

Power source	24v, 225Ah					
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## Weight

ANSI	5,632 lb	2560 kg	6,842 lb	3110 kg	7,495 lb	3400 kg
CE	5,632 lb	2560 kg	6,842 lb	3110 kg	7,495 lb	3400 kg



## GMG USA

3428 Bullock Lane  
San Luis Obispo, CA 93401

Phone: +1.805.303.2066  
Toll Free (USA/Canada): +1.800.301.0499

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