

ELECTRIC MICRO SCISSOR LIFTS - ELECTRIC DRIVE

1530EN SD/1930EN SD

Compliant with ANSI/CSA standards

PRODUCT HIGHLIGHTS

Outstanding Performance

- Easy fold and unfold step-deck design provides an additional 20 inches of working height
- Fits both indoor and outdoor working applications
- Powerful electric drive motors deliver strong performance with zero emissions and low noise

Micro Design for Maximum Operational Experience

- Micro-size footprint is ideal for low-level tasks and tight spaces
- Zero inside turning radius for excellent maneuverability
- Compact design fits through standard doorways
- Foldable platform rails allow access through the smallest openings
- Rated for two-person indoor use and one-person outdoor use

Easy Maintenance

- Electric drive system simplifies maintenance with fewer hydraulic components
- Onboard fault diagnostics with integrated error codes and resolution guidance with no external analyzer required



Standard Features		
Maintenance-free battery	Fully proportional joystick controls	Non-marking tires
Auto braking system	Emergency lowering system	Emergency stop
Fault diagnosis system	Tilt protection system	Flashing beacon
Forklift pockets and lifting eyes	Electrophoretic painting	Horn and buzzer
Automatic pothole guard system	Manual storage box	Foldable platform rails
Bumper rails	Drivable at full height	Leak containment
AC power to the platform	2WD × 2WS	Weighing system
Options & Accessories		
Telematics	Perimeter Lighting	Function enable foot pedal
Anti-collision system		

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Model	1530EN SD	1930EN SD
Dimensions		
Max Working Height (Indoor/Outdoor)	20'1.3" (6.1 m) / 18'5.6" (5.6 m)	24'2.5" (7.35 m) / 21'1.1" (6.4 m)
A Max Platform Height (Indoor/Outdoor)	14'1.3" (4.3 m) / 12'5.6" (3.8 m)	18'2.5" (5.55 m) / 15'1.1" (4.6 m)
B Platform Extension	2' (0.6 m)	2' (0.6 m)
C Machine Length (Ladder Folded)	4'9.9" (1.47 m)	4'9.9" (1.47 m)
C Machine Length (Ladder Unfolded)	5'2.2" (1.58 m)	5'2.2" (1.58 m)
D Width Stowed	2'6.7" (0.78 m)	2'6.7" (0.78 m)
E Machine Height (Rails Unfolded)	6'3.2" (1.91 m)	6'6.3" (1.99 m)
F Wheelbase	3'8.9" (1.14 m)	3'8.9" (1.14 m)
Axle-base (Rails Unfolded)	2'3.6" (0.7 m)	2'3.6" (0.7 m)
Ground Clearance (Pothole Guard Stowed)	2.4" (0.061 m)	2.4" (0.061 m)
Ground Clearance (Pothole Guard Deployed)	0.75" (0.02 m)	0.75" (0.02 m)
Platform Size (L×W×H)	4'7.5"×2'5.9"×3'7.3" (1.41 m×0.76 m×1.1 m)	4'7.5"×2'5.9"×3'7.3" (1.41 m×0.76 m×1.1 m)
G Step Deck Height	1'7.7" (0.5 m)	1'7.7" (0.5 m)
Performance		
Platform Capacity	467 lbs (212 kg)	467 lbs (212 kg)
Extension Platform Capacity	225 lbs (102 kg)	225 lbs (102 kg)
Step Deck Capacity	225 lbs (102 kg)	225 lbs (102 kg)
Max Platform Occupants (Step Deck Deployed)	2 persons (Indoor)/ 1 person (Outdoor)	2 persons (Indoor)/ 1 person (Outdoor)
Max Platform Occupants (Step Deck Undeployed)	1 person (Indoor/Outdoor)	1 person (Indoor/Outdoor)
Drive Speed (Stowed)	0 ~ 2.49 mph (0 ~ 4.0 km/h)	0 ~ 2.49 mph (0 ~ 4.0 km/h)
Drive Speed (Raised)	0 ~ 0.31 mph (0 ~ 0.5 km/h)	0 ~ 0.31 mph (0 ~ 0.5 km/h)
Lift Time (Unloaded)	20 s~23 s	24 s~28 s
Lower Time (Unloaded)	25 s~30 s	25 s~30 s
Gradeability (2WD)	25%	25%
Max Allowable Inclination (front-to-back/side-to-side)	3° /1.5°	3° /1.5°
Turning Radius (Inside/Outside)	0" (0 m) / 4'10.3" (1.48 m)	0" (0 m) / 4'10.3" (1.48 m)
Max Allowable Side Force (Inside/Outside)	90 lbf (400 N) / 45 lbf (200 N)	90 lbf (400 N) / 45 lbf (200 N)
Max Allowable Wind Speed (Indoor/Outdoor)	0/28 mph (0/12.5 m/s)	0/28 mph (0/12.5 m/s)
Tyre Size/Type	11"×3"/solid (280×76 mm)	11"×3"/solid (280×76 mm)
Power		
Drive×Steer	2 WD×2 WS	2 WD×2 WS
Power Source (V/kW)	24 V DC, 2.2 kW	24 V DC, 2.2 kW
Hydraulic Tank Capacity	1.05 gal (0.9 gal (UK)/4 L)	1.05 gal (0.9 gal (UK)/4 L)
Batteries	24 V, 120 Ah, 20 hr (Lead-acid battery)	24 V, 120 Ah, 20 hr (Lead-acid battery)
System Voltage / Control Voltage	24 VDC / 24 VDC	24 VDC / 24 VDC
Charger (Input/Output)	100 ~ 240 V AC/15A	100 ~ 240 V AC/15A
Drive Motor (Voltage/Power)	24 V DC/0.4 kW	24 V DC/0.4 kW
Weight		
Weight (Indoor/Outdoor)	2,068 lbs (938 kg)	2,751 lbs (1,248 kg)
Standards Compliance	ANSI/CSA	ANSI/CSA

