



## **Industrial Grade Electric Scissor Lifts**

**Models  
2047ES  
2647ES  
3247ES**

- Fully proportional drive and lift controls
- No-maintenance scissor bearings
- Roll-out deck extension with incremental locking positions
- Non-skid, steel deck construction
- Large sheet loading entrance
- Single arm scissor provides easy access for maintenance. No need for swing-out stations or tight working conditions.
- Patented Powerlift<sup>2</sup> elevating system - built strong and works tough
- High torque power package
- Higher capacity (up to 1,250 lbs/ 566 kg) expands applications and productivity



## Features

### Work Area

Roll-out deck extension with incremental locking positions  
 Large sheet loading entrance accommodates 48" (1.22 m) material  
 110V Power to Platform  
 Combination of wide beams and large pins in self-lubricating bearings for larger load bearing surface in scissor pivot areas  
 Extra wide platform for spacious work area

### Performance

Fully Proportional Drive and Lift Controls  
 High Torque Power Package

### Engine/Power

Four 6V 220Ah Industrial Deep Cycle Batteries (245Ah on 3247ES)

### Serviceability

Lubrication-Free Scissor Bearings  
 Specially designed hydraulic swivel fittings to reduce hydraulic hose binding and hose failure  
 Easy maintenance access to mechanical and electrical components without raising platform or swinging out trays  
 Logically grouped components and numbered wiring for easy reference

### Safety

Dedicated compartments protect electrical and hydraulic components  
 Emergency shut-off at platform and lower controls  
 Non-Skid Steel Deck Construction  
 Motion Alarm  
 Drive Speed Interlock  
 Multi-Axis Tilt Sensor  
 Multiple Disc Brakes, manual brake release  
 Scissor Maintenance Lock  
 Dual Automatic Parking Brake  
 Automatic Pothole Protection

### Other Features

Industrial grade, solid state battery charger  
 Fold-Down Guardrails  
 Non-Marking Tires  
 Hour Meter  
 Powder Coat Finish  
 Lifting Lugs  
 Machine Tie Downs  
 Fork Lift Pockets  
 Static Strap  
 U.S. Patent #5,476,050  
 Canadian Patent #2,115,870  
 Other Patents Pending

## Optional Features

Lanyard Attachments (6)	Audible Motion Alarm
Flashing Beacon (continuous)	Battery Charge Indicator
Automotive Horn	245Ah Deep Cycle Batteries
Removable Upper Controls	800 Watt AC Inverter
Platform Swing Gate (standard on CE and CSA)	Australian Compliant Options
Air Line to Platform	CSA Compliant Options
	1 or 2 Year Extended Warranty



Model	2047ES		2647ES		3247ES	
	U.S.	Metric	U.S.	Metric	U.S.	Metric
<b>Heights</b>						
Working Height*	26 ft.*	8.10 m*	32 ft.*	9.92 m*	38 ft.*	11.75m*
Platform Height	20 ft.	6.10 m	26 ft.	7.92 m	32 ft.	9.75 m
Maximum Drive Height	20 ft.	6.10 m	26 ft.	7.92 m	32 ft.	9.75 m
Stowed Height (Top Guardrail)	82 3/8 in.	2.10 m	88 3/8 in.	2.25 m	95 1/8 in.	2.42 m
Stowed Height (Rails Folded)	63 3/4 in.	1.62 m	70 in.	1.78 m	76 5/16 in.	1.94 m
Stowed Height (Platform Floor)	40 1/2 in.	1.03 m	47 in.	1.19 m	53 in.	1.35 m
Guardrail Height	43 3/8 in.	1.10 m	43 3/8 in.	1.10 m	43 3/8 in.	1.10 m
Toeboard Height	6 in.	15 cm	6 in.	15 cm	6 in.	15 cm
Ground Clearance	3 1/2 in.	8.89 cm	3 1/2 in.	8.89 cm	3 1/2 in.	8.89 cm
Pothole Guards Deployed	3/4 in.	1.90 cm	3/4 in.	1.90 cm	3/4 in.	1.90 cm
<b>Dimensions</b>						
Length - Stowed (Overall)	99 in.	2.51 m	99 in.	2.51 m	99 in.	2.51 m
Length - Stowed (Without Step)	92 1/2 in.	2.35 m	92 1/2 in.	2.35 m	92 1/2 in.	2.35 m
Width	47 in.	1.19 m	47 in.	1.19 m	47 in.	1.19 m
Platform Length (Extended)	133 1/2 in.	3.39 m	133 1/2 in.	3.39 m	133 1/2 in.	3.39 m
Platform Length (Retracted)	91 in.	2.31 m	91 in.	2.31 m	91 in.	2.31 m
Roll-Out Deck Length	42 1/4 in.	1.07 m	42 1/4 in.	1.07 m	42 1/4 in.	1.07 m
Wheelbase	71 in.	1.80 m	71 in.	1.80 m	71 in.	1.80 m
Lift Capacity	1,250 lbs	567 kg	1,000 lbs	454 kg	700 lbs	318 kg
Roll-Out Deck Capacity	250 lbs	113 kg	250 lbs	113 kg	250 lbs	113 kg
<b>Speeds</b>						
Raise/Lower Speed	28/35 sec.		30/35 sec.		42/32 sec.	
Drive Speed (Stowed)	2.5 mph	4.0 km/h	2.5 mph	4.0 km/h	2.5 mph	4.0 km/h
Drive Speed (Raised)	0.62 mph	1.0 km/h	0.62 mph	1.0 km/h	0.62 mph	1.0 m/h
<b>Performance</b>						
Gradeability	25%/14°		25%/14°		25%/14°	
Turning Radius (Inside)	Zero		Zero		Zero	
Turning Radius (Outside)	94 in.	2.39 m	94 in.	2.39 m	94 in.	2.39 m
Weight (Approximately**)	4,450 lbs**	2018 kg**	5,300 lbs**	2404 kg**	5,990 lbs**	2717 kg**
Brakes	Dual rear wheel multi-disc					
Power Source	24V DC, 220Ah battery (245Ah on 3247ES)					
Drive Axle	Dual front wheel hydraulic					
Controls	Proportional drive and lift controls					
Tires (Non-Marking)	16 in. D x 5 in. W/40.64 cm D x 12.70 cm W					

\*Metric equivalent of working height adds 2m to platform height. U.S. adds 6 ft. to platform height.

\*\*Weight may increase with certain options or configurations. When platform is elevated, all models must be on a firm, level surface.

**Important** - MEC scissor lifts must be on a hard level surface while elevated.

**Warranty** - MEC Aerial Work Platforms carry a one (1) year warranty on defective component parts and a five (5) year warranty on defective structural parts. This warranty applies to the original owner only. Consult your MEC dealer for warranty details.

Meets or exceeds the requirements of ANSI A92.6-2006, CSA B354.2-01, AS 1418.10 and CE Compliance as applicable. Specifications subject to change without notice. Photos and diagrams in this brochure are for illustrative purposes only. Contact your MEC distributor for detailed instructions on the proper use and maintenance of this equipment.

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