



SCISSOR LIFTS | MID WIDE ELECTRIC

47 SERIES | ES



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 Powerlift² elevating system - built strong and works tough
- High torque power package
- Higher capacity (up to 1,250 lbs/ 566 kg) expands applications and productivity





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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)

Flashing Beacon

(continuous)

Automotive Horn

Removable Upper Controls

Platform Swing Gate

(standard on CE and CSA)

Air Line to Platform

Audible Motion Alarm

Battery Charge Indicator

245Ah Deep Cycle Batteries

800 Watt AC Inverter

Australian Compliant Options

CSA Compliant Options

1 or 2 Year Extended Warranty



MEC Aerial Work Platforms

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72 SERIES ES 0308

Model	2047ES		2647ES		3247ES	
	U.S.	Metric	U.S.	Metric	U.S.	Metric
Heights						
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 ¾ in.	2.10 m	88 ¾ in.	2.25 m	95 ½ in.	2.42 m
Stowed Height (Rails Folded)	63 ¾ in.	1.62 m	70 in.	1.78 m	76 ¾ in.	1.94 m
Stowed Height (Platform Floor)	40 ½ in.	1.03 m	47 in.	1.19 m	53 in.	1.35 m
Guardrail Height	43 ¾ in.	1.10 m	43 ¾ in.	1.10 m	43 ¾ in.	1.10 m
Toeboard Height	6 in.	15 cm	6 in.	15 cm	6 in.	15 cm
Ground Clearance	3 ½ in.	8.89 cm	3 ½ in.	8.89 cm	3 ½ in.	8.89 cm
Pothole Guards Deployed	¾ in.	1.90 cm	¾ in.	1.90 cm	¾ in.	1.90 cm
Dimensions						
Length - Stowed (Overall)	99 in.	2.51 m	99 in.	2.51 m	99 in.	2.51 m
Length - Stowed (Without Step)	92 ½ in.	2.35 m	92 ½ in.	2.35 m	92 ½ in.	2.35 m
Width	47 in.	1.19 m	47 in.	1.19 m	47 in.	1.19 m
Platform Length (Extended)	133 ½ in.	3.39 m	133 ½ in.	3.39 m	133 ½ 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 ¼ in.	1.07 m	42 ¼ in.	1.07 m	42 ¼ 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
Speeds						
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
Performance						
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 purposed only. Contact your MEC distributor for detailed instructions on the proper use and maintenance of this equipment.

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