

ELECTRIC SCISSOR LIFTS - ELECTRIC DRIVE

1414E PLUS AC (4655E PLUS)

Compliant with AS 1418·10 standards

PRODUCT HIGHLIGHTS

Efficient and Environmentally Friendly

- Higher work efficiency
- Environmental protection, zero emissions

Reduced Maintenance Costs

- The short design of sliding rail makes debris easy to clean
- Rapid, convenient transportation with two-way forklift slot
- Lower cost of ownership with highly versatile parts and components

Reliable Performance

- New wide scissor design, for a more stable working-at-height experience
- Bumper rail and indented sliding rail designed for anti-scratch



Standard Features

2WD×2WS	AGM maintenance-free battery	Telematic ready
Non-marking tires	Proportional control	Battery isolator
Emergency stop	Forklift pockets and lifting points	Secondary guarding system
Flashing beacon	Automatic pothole protection	White noise alarm
Foldable guardrail	Bumper rails	Fault diagnosis system
Drivable at full height	Weight management system	Manual storage box

Options & Accessories

Wheel nut indicators	Panel lifting system	Telematic device
Fire extinguisher/Bracket	Mine spec	AC power to platform
Pipe lifting system		

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Model	1414E Plus AC (4655E Plus)
Dimensions	
Max Working Height (Indoor/Outdoor)	15.8 m/10.5 m (51'10"/34'5.4")
A Max Platform Height (Indoor/Outdoor)	13.8 m/8.5 m (45'3"/27'10.6")
B Platform Extension	0.9 m (3')
C Length-Stowed	2.78 m (9')
D Width-Stowed	1.41 m (4'7")
E Height-Stowed (Rails Folded)	1.98 m (6'6")
E Height-Stowed (Rails Unfolded)	2.6 m (8'6")
F Wheelbase	2.22 m (7'3")
Ground Clearance (Pothole Guard Stowed)	0.095 m (3.74")
Ground Clearance (Pothole Guard Deployed)	0.025 m (0.98")
Platform Size (L×W×H)	2.64 m×1.3 m×1.1 m (8'8"×4'3"×3'7")
Performance	
Platform Capacity	350 kg (772 lbs)
Extension Platform Capacity	120 kg (265 lbs)
Max Platform Occupants (Indoor/Outdoor)	2 persons/1 person
Drive Speed (Stowed)	0~4 km/h (0~2.5 mph)
Drive Speed (Raised)	0~0.8 km/h (0~0.5 mph)
Lift Time (Unloaded)	75 s-85 s
Lower Time (Unloaded)	55 s-63 s
Gradeability	25%(AC)/20 %(DC)
Max Allowable Inclination (front-to-back/side-to-side)	3° /1.5°
Turning Radius (Inside/Outside)	0/2.64 m (0/8'8")
Tire Size/Type	380×125 mm (15×5") /solid
Power	
Drive×Steer	2 WD×2 WS
Power Source (V/kW)	24 V DC/4.5 kW
Drive Motor (V/kW)	24 V AC/0.7 kW
Hydraulic Tank Capacity	15 L (3.3 gal (UK)/4.0 gal (US))
Batteries	24 V,280 Ah (AGM) 25.6 V, 200 Ah (Lithium battery)
Charger (Input/Output)	100 ~ 240 V AC/30 A
Weight	
Weight (Indoor/Outdoor)	3,660kg (8,069 lbs)
Standards Compliance	AS 1418 · 10

