

ELECTRIC SCISSOR LIFTS

1414E PLUS (4655E PLUS)

Compliant with CE/ANSI/CSA/AS/KCS/EAC 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	Maintenance-free battery	Fault diagnosis system
Non-marking tires	Proportional control	Emergency lowering system
Emergency stop	Electrophoretic painting	Tilt protection system
Flashing beacon	Forklift pockets and lifting points	Overload sensing system
Foldable guardrail	Automatic pothole protection	Manual storage box
Drivable at full height	Bumper rails	
White noise alarm	Trackunit connector	
Options & Accessories		
RCBO	Platform work light	Battery isolator
AC power to platform	EQSS/Protector	
Lithium battery	AC drive motor	

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Model	1414E Plus (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)	24V DC/4.5 kW
Drive Motor (V/kW)	24 V DC/0.85 kW 24 V AC/0.7 kW
Hydraulic Tank Capacity	15L (3.3 gal(UK)/4.0 gal(US))
Batteries	24 V,280 Ah (Lead acid battery) 25.6 V, 200 Ah (Lithium battery)
Charger (Input/Output)	100~240 V AC/30 A
Weight	
Weight (Indoor/Outdoor)	3,660kg (8,069lbs)
Standards Compliance	CE/ANSI/CSA/AS/KCS/EAC

