ELECTRIC SCISSOR LIFTS

1412E PLUS (4647E PLUS) / 1414E PLUS (4655E PLUS)

Compliant with 1412E 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 cosl 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	Auto braking system
Horn & buzzer		
Options & Accessories		
RCBO	AC power to platform	Platform work light
Footswitch	Overhead anti-collision device	Telematics-ready connector
Lithium battery	AC drive motor	

Techno West Verhuur
Heftrucks • Verreikers • Terminaltrekkers • Hoogwerkers

SINOBOOM™

PARTNERS IN ACCESS™

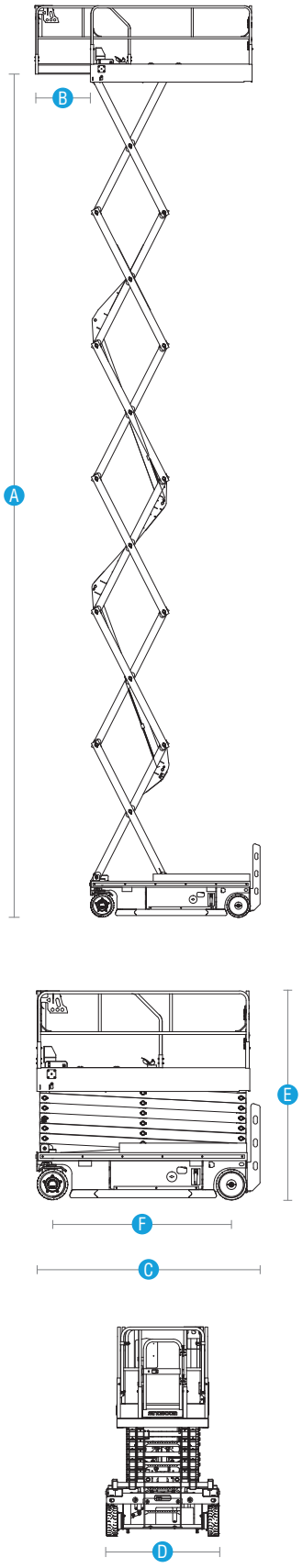
SINOBOOM.COM | SALES@SINOBOOM.COM
NO.128 EAST JINZHOU AV., NINGXIANG HI-TECH INDUSTRY PARK, CHANGSHA, HUNAN, CHINA, 410600

ELECTRIC SCISSOR LIFTS

1412E PLUS (4647E PLUS)/1414E PLUS (4655E PLUS)

Compliant with CE/ANSI/CSA/AS/KCS/EAC standards

Model	1412E Plus (4647E Plus)	1414E Plus (4655E Plus)
Dimensions		
Max Working Height(Indoor/Outdoor)	15.8 m (51'10")	15.8 m/10.5 m(51'10''/34'5.4'')
A Max Platform Height(Indoor/Outdoor)	13.8 m (45'3")	13.8 m/8.5 m(45'3''/27'10.6'')
B Platform Extension	0.9 m (3')	0.9 m (3')
C Length-Stowed	2.78 m (9')	2.78 m (9')
D Width-Stowed	1.27 m (4'2")	1.41 m (4'7")
E Height-Stowed (Rails Folded)	1.96 m (6'5")	1.98 m (6'6")
E Height-Stowed (Rails Unfolded)	2.6 m (8'6")	2.6 m (8'6")
F Wheelbase	2.22 m (7'3")	2.22 m (7'3")
Ground Clearance (Pothole Guard Stowed)	0.1 m (4")	0.095 m (3.74")
Ground Clearance (Pothole Guard Deployed)	0.025 m (0.98")	0.025 m (0.98")
Platform Size (L×W×H)	2.64 m×1.15m×1.1 m (8'8"×3'9"×3'7")	2.64 m×1.3m×1.1 m (8'8"×4'3"×3'7")
Performance		
Platform Capacity	350 kg (772 lbs)	350 kg (772 lbs)
Extension Platform Capacity	120 kg (265lbs)	120 kg (265 lbs)
Max Platform Occupants (Indoor/Outdoor)	2 Persons(Indoor Only)	2 Persons/1 Person
Drive Speed (Stowed)	0~4 km/h (0~2.5 mph)	0~4 km/h (0~2.5 mph)
Drive Speed (Raised)	0~0.8 km/h (0~0.5 mph)	0~0.8 km/h (0~0.5 mph)
Lift Time (Unloaded)	75 s~85 s	75 s-85 s
Lower Time (Unloaded)	55 s~63 s	55 s-63 s
Gradeability	25 %	25%(AC)/20 %(DC)
Max Allowable Inclination (front-to-back/side-to-side)	3°/1.5°	3°/1.5°
Turning Radius (Inside/Outside)	0/2.64 m (0/8'8")	0/2.64 m (0/8'8")
Tire Size/Type	380×125 mm (15×5") /solid	380×125 mm (15×5") /solid
Power		
Drive×Steer	2 WD×2 WS	2 WD×2 WS
Power Source (V/kW)	24V DC /4.5 kW	24V DC/4.5 kW
Drive Motor (V/kW)	24 V DC/0.85 kW 24 V AC/0.7 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))	15L (3.3 gal(UK)/4.0 gal(US))
Batteries	24 V,280 Ah (Lead acid battery) 25.6 V, 200 Ah (Lithium battery)	24 V,280 Ah (Lead acid battery) 25.6 V, 200 Ah (Lithium battery)
Charger (Input/Output)	100～240 V AC/30 A	100～240 V AC/30 A
Weight		
Weight (Indoor/Outdoor)	3,375 kg (7,442lbs)(Indoor Only)	3,660kg (8,069lbs)
Standards Compliance	CE/EAC	CE/ANSI/CSA/AS/KCS/EAC



We reserve the right to make specification. The above represents the current specifications at time of publications. 07. 2023