

Electric Series Scissor Lifts

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

Complies with ISO/CE/ANSI/AS/CU-TR/KCS standards

Product Highlights

Efficient and environmentally friendly

- Higher work efficiency
- Environmental protection, zero emissions

Reduced maintenance costs

- Exclusive open chassis design reduces daily maintenance costs
- Rapid, convenient transportation with two-way forklift slot
- Lower cost of ownership with highly versatile parts and components

More reliable performance

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

Standard features		
■ Maintenance-free battery	■ Automatic braking system	■ Full-stroke operation
■ Proportional control	■ Emergency lowering system	■ Forklift pocket and lifting eyes
■ Bumper rail	■ Emergency stop at both platform and ground controls	■ Electrophoresic paint technology
■ 4x2 drive	■ Fault diagnosis system	■ Foldable guardrail
■ Non-marking tyres	■ Tilt protection	■ Overload sensing system
■ Integrated hand shield	■ Automatic pothole guard	
Optional features		
■ Overhead anti-collision device	■ Headlight	■ RCBO
■ AC power to platform		

SINOBOOM

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Model		1412E Plus(4647E Plus)	1414E(4655E)	1414E Plus(4655E Plus)
Dimensions				
Max Working Height		15.8m(51'10")	15.8m(51'10")	Indoor 15.8m(51'10") Outdoor 10.5m(34'5")
A Max Platform Height		13.8m(45'3")	13.8m(45'3")	Indoor 13.8m(45'3") Outdoor 8.5m(27'11")
B Max Horizontal Extension		0.9m(3')	0.9m(3')	0.9m(3')
C Length-Stowed		2.78m(9')	2.78m(9')	2.78m(9')
D Width-Stowed		1.27m(4'2")	1.41m(4'7")	1.41m(4'7")
Height-stowed	Rail Folded	1.96m(6'5")	1.96m(6'5")	1.98m(6'6")
	E Rail Unfolded	2.6m(8'6")	2.6m(8'6")	2.6m(8'6")
F Wheelbase		2.22m(7'3")	2.22m(7'3")	2.22m(7'3")
Ground Clearance(Pothole Guard Stowed)		0.1m(4")	0.1m(4")	0.1m(4")
Ground Clearance(Pothole Guard Deployed)		25mm(0.98")	25mm(0.98")	25mm(0.98")
Platform Dimensions(LxWxH)		2.64m×1.15m×1.1m (8'8"×3'9"×3'7")	2.64m×1.15m×1.1m (8'8"×3'9"×3'7")	2.64m×1.3m×1.1m (8'8"×4'3"×3'7")
Performance				
Platform Allowable Occupants (Indoors/Outdoors)		2 persons/-	2 persons/1 person	2persons/1 person
Platform Capacity		350kg(772lbs)	227kg(500lbs)	350kg(772lbs)
Drive Speed-Stowed		4km/h(2.5mph)	4km/h(2.5mph)	4km/h(2.5mph)
Drive Speed-Raised		0.8km/h(0.5mph)	0~0.8km/h(0.5mph)	0.8km/h(0.5mph)
Elevation Time(Unloaded)		75s~85s	75s~85s	75s-85s
Descent Time(Unloaded)		55s~63s	55s~63s	55s-65s
Gradeability		25%	25%	20%
Turning Radius(Inside/Outside)		0/2.64m(0/8'8")	0/2.64m(0/8'8")	0/2.64m(8'8")
Tilt Rating(Front to Back/Side to Side)		3°/1.5°	3°/1.5°	3°/1.5°
Tire Spec/Type		380×125mm(15×5")/solid	380×125mm(15×5")/solid	380×125mm(15×5")/solid
Power				
Batteries		12V×4/300Ah	12V×4/300Ah	12vx4/280Ah
Power Source		24V DC	24V DC	24V DC
Drive Mode		Motor, front-wheel	Motor, front-wheel	
Charger Input		100~240V AC	100~240V AC	100-240 V DC
Charger Output		30A	30A	30A
Hydraulic System Capacity		41L(9gal)	41L(9gal)	15L(3.3 gal (UK) /4 gal (US))
Weight				
Weight(Indoor Only)		3,375kg(7,442lbs)	3,430kg(7,563lbs)	3,660kg(8,069lbs)
Standards Compliance		ISO/CE/ANSI/CSA/AS/CU-TR/KCS		

