

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

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

Product Highlights

Flexible operation

- Small turning radius, flexible operation in narrow spaces
- Standard forklift slot for efficient equipment transportation
- Folding guardrails for easy transport

Reduced maintenance costs

- Double-door design for easy maintenance
- Troubleshooting for quick fault diagnosis
- Highly quality parts and components

More reliable performance

- Battery voltage early warning to ensure battery life
- Bumper rail protection
- Pothole protection reporting and horizontal protection system give peace of mind during operation

Standard features		
■ Maintenance-free battery	■ Automatic braking system	■ Drive at full height
■ Proportional control	■ Emergency lowering system	■ Forklift pocket and lifting eyes
■ Bumper rail	■ Emergency stop at both platform and ground controls	■ Electrophoresic painting 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(4647E)		1414E(4655E)	
Dimensions		Metric	US	Metric	US
Max Working Height		15.8m	51'10"	15.8m	51'10"
A	Max Platform Height	13.8m	45'3"	13.8m	45'3"
B	Max Horizontal Extension	0.9m	3'	0.9m	3'
C	Length-Stowed	2.78m	9'	2.78m	9'
D	Width-Stowed	1.27m	4'2"	1.41m	4'7"
Height-stowed	Rail Folded	1.96m	6'5"	1.96m	6'5"
	E Rail Unfolded	2.6m	8'6"	2.6m	8'6"
F	Wheelbase	2.22m	7'3"	2.22m	7'3"
Ground Clearance(Pothole Guard Stowed)		0.1m	4"	0.1m	4"
Ground Clearance(Pothole Guard Deployed)		25mm	0.98"	25mm	0.98"
Platform Dimensions(L×W×H)		2.64m×1.15m×1.1m (8'8"×3'9"×3'7")		2.64m×1.15m×1.1m (8'8"×3'9"×3'7")	
Performance					
Platform Allowable Occupants(Indoor/ Outdoor)		2 persons/-		2 persons/1 person	
Platform Capacity		227kg	500lbs	227kg	500lbs
Drive Speed-Stowed		4km/h	2.5mph	4km/h	2.5mph
Drive Speed-Raised		0.8km/h	0.5mph	0.8km/h	0.5mph
Elevation Time(Unloaded)		75s~85s		75s~85s	
Descent Time(Unloaded)		55s~63s		55s~63s	
Gradeability		25%		25%	
Turning Radius(Inside/Outside)		0/2.64m	0/8'8"	0/2.64m	0/8'8"
Tilt Rating(Front to Back/Side to Side)		3°/1.5°		3°/1.5°	
Tyres-solid		380×125mm	15×5"	380×125mm	15×5"
Power					
Batteries		12V×4/300Ah		12V×4/300Ah	
Power Source		24V DC		24V DC	
Drive Mode		Motor, front-wheel		Motor, front-wheel	
Charger Input		100~240V AC		100~240V AC	
Charger Output		30A		30A	
Hydraulic System Capacity		41L	9gal	41L	9gal
Weight					
Weight		3,375kg	7,442lbs	3,430kg	7,563lbs
Standards Compliance		ISO/CE/ANSI/CSA/AS/CU-TR/KCS			

