

ELECTRIC SCISSOR LIFTS - HYDRAULIC DRIVE

1412 (4647)/1414 PLUS (4655 PLUS)

Compliant with CE/ANSI/CSA/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	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		

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1412 (4647)/1414 PLUS (4655 PLUS)

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

Model	1412 (4647)	1414 Plus (4655 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 Max Horizontal 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 (Rail Folded)	1.96 m (6'5")	1.98 m (6'6")
E Height-Stowed (Rail 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")	0.95 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×1.15 m×1.1 m (8'8"×3'9"×3'7")	2.64 m×1.3 m×1.1 m (8'8"×4'3"×3'7")
Performance		
Platform Capacity	227 kg (500 lbs)	350 kg (772 lbs)
Extension Platform Capacity	120 kg (265 lbs)	120 kg (265 lbs)
Platform Allowable Occupants (Indoor/Outdoor)	2 Persons (Indoor Only)	2 Persons/1 Person
Drive Speed (Stowed)	0~3.2 km/h (0~2mph)	0~3.2 km/h (0~2 mph)
Drive-Speed (Raised)	0~0.8 km/h (0~0.5mph)	0~0.8 km/h (0~0.5 mph)
Lift Time (Unloaded)	83 s~92 s	75 s~85 s
Lower Time (Unloaded)	55 s~65 s	55 s~63 s
Gradeability	25%	25%
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)	24 V DC /4.5 kW	24 V DC /4.5 kW
Hydraulic Tank Capacity	15 L (3.3 gal (UK)/4 gal (US))	15 L (3.3 gal (UK)/4 gal (US))
Battery	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)	100~240V AC/30A	100~240V AC/30A
Weight		
Weight (Indoor/Outdoor)	3,360 kg (7,409 lbs) (Indoor Only)	3,560 kg (7,848 lbs)
Standards Compliance	CE/ANSI/CSA/EAC/KCS	CE/ANSI/CSA/EAC

