

## Electric Series Scissor Lifts

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

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                            | ■ 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 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(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<br>(8'8"×3'9"×3'7") |          | 2.64m×1.15m×1.1m<br>(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         |          |                                      |          |

