







## **ES1612AC**



This model is electrically driven and has a robust and mobile structure. The electric scissor lift system saves energy, ensuring zero emissions and a silent-running. It is ideal for indoor usages. The compact design and dimensions allow to pass through standard doors, ensuring maximum flexibility.



## **STANDARD EQUIPMENTS:**

- AC batteries with IP67 waterproof system"
- · Automatic pothole protection system
- Crushing protection
- High ground clearance
- Self-locking door on the platform
- Speed limit at maximum height
- · Platform load sense system
- Automatic braking system
- · Emergency brake release
- · Non-marking tyres
- · Tilt indicator with alarm
- Warning siren during lowering and dual

- flashing LED light
- Safety bracket for maintenance operations
- Horn
- Cylinder locking valve
- Emergency stop button
- Emergency lowering
- Traction engine protection
- Anchoring eyebolts
- · Onboard diagnostics system
- · Hour counter
- · Proportional controls
- · Fold-down guardrails

- · Power to platform
- Maintenance free battery
- Explosion-proof tubing system
- Motion Alarm
- Integrated holes for fork transport
- Charging protection system
- Charging indicator
- Tie-down and lifting points
- One way platform extension deck
- Two-wheel drive
- · 2 Wheels Steering
- · Manual emergency brake release

## MAIN APPLICATIONS















| Load capacity 250 kg Load capacity when extended 113 kg  Max no. Occupants (Indoor/outdoor) 2/0  Working height 15.7 m  Platform floor level height 13.7 m  Overall length 2.84 m  Overall width 1.25 m  Overall height (rails up) 2.62 m  Transport height (rails down) 2.09 m  Platform dimensions (length/width) 2.64x1.12 m  Platform extension 0.9 m  Ground clearance (stowed) 10 cm  Ground clearance (raised) 1.9 cm  Wheelbase 2.65 m  Turning radius (inside) 0 cm  Turning radius (outside) 2.65 m  Driving motors 2x24VAC/0,87 kW  Lifting motors 24 VAC/3,5 kW  Travel speed (raised) 5,0 km/h  Travel speed (raised) 0.8 km/h  Batteries 24V/240 Ah  AGM batteries maintenance free  Integrated battery charger 24V/30A  Gradeability 25%  Maximum working slope 1.5°/3°  Non-marking tyres 381x127 mm  Weight (CE) 3,360 kg   | ES1612AC                           |  |
|--|------------------------------------|--|
| Max no. Occupants (Indoor/outdoor)2/0Working height15.7 mPlatform floor level height13.7 mOverall length2.84 mOverall width1.25 mOverall height (rails up)2.62 mTransport height (rails down)2.09 mPlatform dimensions (length/width)2.64x1.12 mPlatform extension0.9 mGround clearance (stowed)10 cmGround clearance (raised)1.9 cmWheelbase2.65 mTurning radius (inside)0 cmTurning radius (outside)2.65 mDriving motors2x24VAC/0,87 kWLifting motors24 VAC/3,5 kWTravel speed (stowed)5,0 km/hTravel speed (raised)0.8 km/hBatteries24V/240 Ah<br>AGM batteries maintenance freeIntegrated battery charger24V/30AGradeability25%Maximum working slope1.5°/3°Non-marking tyres381x127 mm   | Load capacity                      | 250 kg                                       |
| Working height 15.7 m  Platform floor level height 13.7 m  Overall length 2.84 m  Overall width 1.25 m  Overall height (rails up) 2.62 m  Transport height (rails down) 2.09 m  Platform dimensions (length/width) 2.64x1.12 m  Platform extension 0.9 m  Ground clearance (stowed) 10 cm  Ground clearance (raised) 1.9 cm  Wheelbase 2.65 m  Turning radius (inside) 0 cm  Turning radius (outside) 2.65 m  Driving motors 2x24VAC/0,87 kW  Lifting motors 24 VAC/3,5 kW  Travel speed (stowed) 5,0 km/h  Travel speed (raised) 0.8 km/h  Batteries 24V/240 Ah  AGM batteries maintenance free  Integrated battery charger 24V/30A  Gradeability 25%  Maximum working slope 1.5°/3°  Non-marking tyres 381x127 mm  | Load capacity when extended        | 113 kg                                       |
| Platform floor level height  Overall length  2.84 m  Overall width  1.25 m  Overall height (rails up)  2.62 m  Transport height (rails down)  Platform dimensions (length/width)  Platform extension  Ground clearance (stowed)  Ground clearance (raised)  Wheelbase  2.65 m  Turning radius (inside)  O cm  Turning radius (outside)  Driving motors  2x24VAC/0,87 kW  Lifting motors  2x24VAC/3,5 kW  Travel speed (stowed)  Batteries  24W/240 Ah AGM batteries maintenance free  Integrated battery charger  24W/30A  Gradeability  25%  Maximum working slope  1.5°/3°  Non-marking tyres  381x127 mm  | Max no. Occupants (Indoor/outdoor) | 2/0  |
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| Batteries  24V/240 Ah AGM batteries maintenance free  Integrated battery charger  24V/30A  Gradeability  25%  Maximum working slope  1.5°/3°  Non-marking tyres  381x127 mm  | Travel speed (stowed)              | 5,0 km/h                                     |
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| Gradeability25%Maximum working slope1.5°/3°Non-marking tyres381x127 mm   | Batteries                          | 24V/240 Ah<br>AGM batteries maintenance free |
| Maximum working slope 1.5°/3°  Non-marking tyres 381x127 mm  | Integrated battery charger         | 24V/30A                                      |
| Non-marking tyres 381x127 mm   | Gradeability                       | 25%  |
|  | Maximum working slope              | 1.5°/3°                                      |
| Weight (CE) 3,360 kg   | Non-marking tyres                  | 381x127 mm                                   |
|  | Weight (CE)                        | 3,360 kg                                     |



EN 280, ANSI/SAIA A92.20



Non-marking solid tyres



Safety bracket

