



STAIR ROBOT



Stair Robot-SR450:

The StairRobot SR450 is a powerful yet easy to handle item of moving equipment.

The SR450 is a battery-powered stair-climbing device styled for the full-time professional or distribution operator. Twin rubber tracks spread the load comfortably over three treads of a stairway as the SR 450 moves up or down stairs.

The SR 450 is equipped with a folding swivel wheel for short turning in narrow spaces and easy handling to and from a staircase.

Items up to 1880 mm can be handled by use of the extendable frame structure. For longer items we developed a special version with remote control.

Handling fields:

- Domestic white goods, gas and electrical appliances
- Office equipment, computers, copiers and storage systems
- Industrial appliances and equipment, gas bottles, safes, engines
- Vending and amusements machines
- Electrical switch gear and telecommunications equipment
- Brewery products, casks and crates
- Furniture
- Building materials
- Pianos/Grand pianos

Technical data:

Handling capacity: 350 Kg

Load length: up to 1220 mm

Load handles extend: up to 1880 mm

Width: 460 mm

Weight: 49 Kg

Motor: 370W / 1 hp

Drive:

Driving power is provided by a minimal noise 24 V permanent magnet motor and is transmitted directly to the drive-axle by a built-on worm-gearbox. The PM-motor creates an effective break when the control switch is released or the power supply is interrupted for any reason.

Batteries:

4 batteries are fitted in series to provide a 24 volt output. A integrated led battery indicator on the control display makes it possible to monitor the batteries.

Charging:

The SR 450 comes with a 220V or 110V / 24 charger (3 amh), charging time with batteries fully discharged 3,5 hours. When the batteries are fully charged the charger will automatically turn into a trickle mode. For charging the SR 450 on a van or truck an optional 4 amp 24V booster/charger is available which makes it possible to charge the SR 450 between jobs.

Dolly:

A heavy duty dolly is available for handling long and bulky objects. The dolly is used to transport the (loaded) SR 450 to and on the stairs and is used at the landing.

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