



**HERCULES**  
COMPLETE LIFTING SOLUTIONS

# STAIR ROBOT STAIRCLIMBERS SR450



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

The SR450 is a battery powered stairclimbing 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 machine moves up or down stairs.

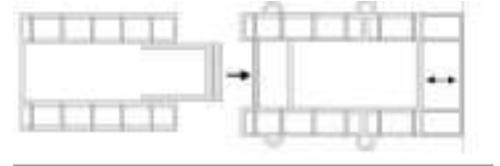
The SR450 is equipped with a folding swivel wheel for short turning in narrow spaces and easy handling to and from a staircase. Items up to 1880 mm can be handled by use of the extendable frame structure. For longer items a special version with remote control has been developed.

## Dolly:

A heavy duty dolly is available for handling long and bulky objects. The dolly is used to transport the (loaded) SR450 to the stairs and is used at the landing.

The dolly is constructed of square steel fittings with four heavy-duty swivel wheels for easy movements.

An extendable frame can be pulled out to increase stability while driving the SR450 on the dolly. The lead-off ramp is used to connect the dolly with the stairway.



## 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. An integrated led battery indicator on the control display makes it possible to monitor the batteries.

## Charging:

The SR450 comes with a 220V Or 110V / 24 charger (3 amh), and charging time with batteries fully discharged is 3.5 hours. When the batteries are fully charged the charger will automatically turn into a trickle mode. For charging the SR450 in a van or truck an optional 4 amp 24V booster/charger is available which makes it possible to charge the SR450 between jobs.

SPECIFICATIONS		SR450
Maximum capacity	(kg)	350
Speed	(mtr/min)	4
Maximum angle	(deg)	45
Length	(mm)	1450
Width	(mm)	460
Height	(mm)	220
Load length standard	(mm)	1220
Load length handles extended	(mm)	1880
Drive motor capacity	(kw/Hp)	0.375/0.5
Weight	(kg)	49

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