

technical data

DESCRIPTION	VALUE		UNITS
	SR450	SR1750HE	
SPEED	4	3	M/MIN
MAXIMUM HANDLING CAPACITY	350	1000	Kg.
MAXIMUM ANGLE	MAX. 45	MAX. 45	° DEGREES
WEIGHT	49	175	Kg.
WEIGHT INCLUDING STANDARD ACCESSORIES		232	Kg.
COLOUR	~~	~~	~~
LENGTH	1450	1185	MM
WIDTH	460	720	MM
HEIGHT	220	320	MM
LENGTH LOADING RAMP		1180	MM
WIDTH LOADING RAMP		720	MM
LOAD LENGTH STANDARD	1220		MM
LOAD LENGTH HANDLES EXTENDED	1880		MM
DRIVE-MOTOR: SINGLE PHASE LOW NOISE AC			
THERMAL CUT-OUT			
DRIVE-MOTOR CAPACITY		0,75	KW
		1	HP
DRIVE-MOTOR POWER		220 or 110	V
DRIVE-MOTOR: SINGLE PHASE LOW NOISE DC			
DRIVE-MOTOR CAPACITY	0,375		KW
	0,5		HP
DRIVE-MOTOR POWER	24		V
BATTERY SYSTEM	24		V
4 x 12 V MONOBLOC			
HYDRAULIC-MOTOR: SINGLE PHASE LOW NOISE AC			
WITH THERMAL CUT OUT			
HYDRAULIC-MOTOR CAPACITY		0,375	KW
		0,5	HP
HYDRAULIC-MOTOR POWER		220 or 110	V
HYDRAULIC-PUMP: BUILT DIRECTLY ON THE HYDRAULIC MOTOR			
HYDRAULIC-PUMP CAPACITY		0,8	LTR/PER MINUTE
ACTION PRESSURE MAX.		200	BAR
CAPACITY OIL TANK		0,5	LTR
CONTROL: REMOTE CONTROL MANUALLY OPERATED			
4-BUTTON SWITCH		24	V
CONTROL: SINGLE HAND SAFETY SWITCH	24		V
CHARGER (220V OR110V/24V)	3		AMP
CHARGING TIME WITH BATTERIES	+/- 4		HOURS
MAINS		220/110	V
		50/60	Hz
EXTENSION CORD (CUPPER WIRE)		3x2,5	MM2
MAX EXTENSION CORD LENGTH		25	MTR



STAIR-ROBOT®  
stair climbing equipment



The logo for AVTA INTERNATIONAL features the word "AVTA" in a large, bold, white sans-serif font with a thick black outline. Below it, the word "INTERNATIONAL" is written in a smaller, white sans-serif font. To the left of the text is a stylized black triangle pointing downwards.

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## STAIR-ROBOT® stair climbing equipment

Work-related occupational diseases and injuries give rise to heavy costs and compensation claims to any organisation but companies manually moving heavy or bulky objects up or down staircases are particularly liable to work-related safety risks and damages,

Optimising the working process with StairRobot stairclimbing equipment not only has helped organisations worldwide to improve company performance by complying to International Health and Safety Directives, but also to enable handling teams to be reduced in size.

StairRobot industrial stairclimbers are designed to move almost any kind of load from a delivery vehicle or platform, convey it to the foot of a staircase, carry it up the staircase, and finally deposit it at the required location.

Feedback from numerous StairRobot Operators, Logistic distributors and Transport managers has contributed to the development of the current designs:

The StairRobot SR 450-specially designed for loads up to 350 kg, and the StairRobot SR 1750 HE-able to handle all kinds heavy and fragile load units up to 1000 Kg.

### Handling Fields:

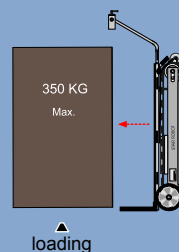
- ▶ Domestic white goods, gas and electrical appliances
- ▶ Office equipment, computers, copiers and storage systems
- ▶ Industrial appliances and equipment, gas bottles, safes, engines
- ▶ Vending and amusements machines
- ▶ Electrical switch gear and telecommunications equipment
- ▶ Pallets, casks and crates
- ▶ Furniture
- ▶ Pianos, grand pianos



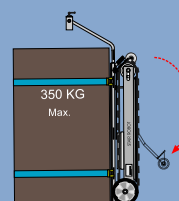
SR1750HE



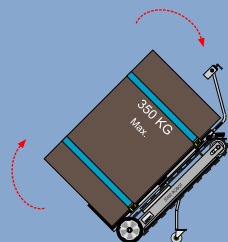
SR450



loading



extract folding wheel



## SR450

The SR450 is a battery-powered stair-climbing device; easy to use and designed to handle a wide variety of loads up to 350 Kg. 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 easy turning in confined spaces and light handling to and from a staircase. Items up to 1880 mm can be handled by use of the extendable handles.

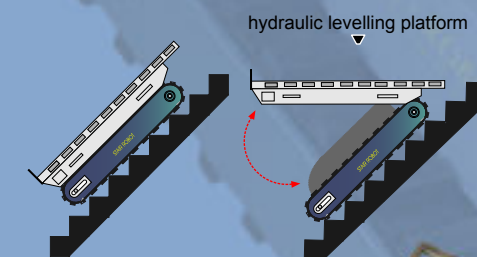


24V/3A charger

## SR1750 HE

The Stair Robot SR 1750 HE is designed to carry unit loads weighing up to 1000 kg up and down stairs. The supplied accessory equipment; stair approach ramp, manoeuvring dolly and turntable have been designed to assist in the movement up to and onto the stairs, removal at the top and transportation to the final destination.

The Stair Robot SR 1750 HE is equipped with a hydraulic levelling platform which enables it to transport fragile loads in a horizontal position throughout the operation.



hydraulic levelling platform



manoeuvring dolly



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**STAIR ROBOT**  
stairclimbing equipment

Disc contents:

- Video presentation
- Illustrations
- Instruction video
- Manuals (English, German, Spanish, Dutch)

Operating instructions:

- Put cd in cd-rom drive
- Cd starts automatically
- Follow on screen instructions

<http://www.AATA.nl/>



AATA has been leading the way in the safe handling of heavy unit loads in stairclimbing applications with StairRobot range of products since 1975. StairRobot range of products are manufactured and designed in the Netherlands.