



the stairclimber people

CLIMB

Stair climbers by AAT

www.aatgb.com



why we're...

the stairclimber people

AAT is the no1 manufacturer of mobile, versatile and convenient stair climbing systems and add-on engines in the field of rehabilitation and transportation technology.

Our ethos is to develop client-oriented, highly convenient solutions with the assurance of top quality, state of the art, innovative technology.

Thus, AAT as a brand stands for customer satisfaction, flexibility, high quality, innovation and reliability.

Years of experience and a proven track record in the field of rehabilitation and transportation technology gives testimony to the great reliability of the products. highly motivated employees, with their dedication and their creative ideas, make an essential and profound contribution to the product quality.

The main idea when developing new products is to help people.

AAT products are continuously subject to improvement to make best use of .engineering evolution in safety, versatility, comfort and convenience, and changes in society.

Our stair climbers make it possible to conquer the problem of overcoming stairs. This makes a person independent, within the home- and beyond.

The add-on engines with their modern technology enable a person to be independent and mobile in their daily life.

The stairclimber also makes it possible to for any organisation involved in people movement-o transfer a person between levels , and locations, safely, and in comfort, for the passenger and the operator.

CLIMB
Stair climbers by AAT



c-max



s-max



CR230



s-max sella

c-max

The universal stair climber

CR230

The power pack among the stair climbers

s-max

The stair climber for your wheelchair

SDM7

The universal rack for s-max

s-max sella

The versatile stair climber

Technical data

Accessories

Service



c-max

The universal stair climber

Mobility is an essential aspect of your quality of life. The c-max helps you to be mobile, not only at home but also en route!

The c-max allows you to overcome comfortably even narrow stairs or other varying levels inside as well as outdoors.

The patented climbing kinematics practically take over the climbing process. The operator merely steers the c-max, requiring little physical effort.

The c-max's low weight, and the fact that it can be easily and quickly dismantled, make it possible to take the c-max everywhere.

So you can go almost anywhere, safely and comfortably.



Advantages that convince

- No damage to the edges of stairs
- Highly versatile, even on winding or narrow staircases
- Can be used as a pushing wheelchair as well



At your service — patented technology that rises to the occasion

The c-max brings you:

- safety,
- versatility
- comfort.
- better quality of life

At the heart of the c-max lies the patented climbing mechanism which virtually climbs stairs all by itself.

The c-max's safety brakes stop automatically on the edge of each step. Its robust climbers set down onto the consecutive step. This guarantees a solid, steady footing, a simple and convenient handling and avoids the damaging of the stair edges.

The c-max can safely transfer and move anyone, up to 135 kg.

The design and fabrication of the climbers mean the c-max can be used on all kinds of stair coverings including wood, stone, metal, or carpet.

You can set the climbing speed to your personal preference and comfort- even just a single step.



The torsion-free handles can be adjusted individually to the user increasing safe operation.



Winding stairs or steep steps are no problem for the c-max. The standard device already climbs steps of up to 21 cm in height.



Easy and convenient — the c-max is ready to use in next to no time

Compact is design, the c-max occupies almost no space within the home.

beyond the home, you can quickly and effortlessly disassemble the c-max and pop it in the car boot. The device's adjustable handles and its ergonomic control unit make the c-max particularly user-friendly.

You are in control of the c-max at all times due to the adjustable driving speed which allows you to adapt to various situations appropriately. The standard engine immobiliser prevents unauthorized use.

The removable battery pack you can charge separately from the c-max by plugging the charger (included in the delivery package) into any wall socket.

Increase your mobility — the c-max helps you to overcome stairs comfortably, not only at home but everywhere else too.

The patented climbing system makes the c-max particularly versatile and safe.





the options...

The c-max comes completely equipped with seat, batteries and charger.

To fully meet your requirements we offer further individual accessories.

We can build a customized version and increase the climbing height that the special c-max can climb steps measuring 220 cm.





s-max

The stair climber for your wheelchair

In everyday life stairs pose a problem for many people. Be it in school, at work or on your way to friends or sports activities stairs are everywhere.

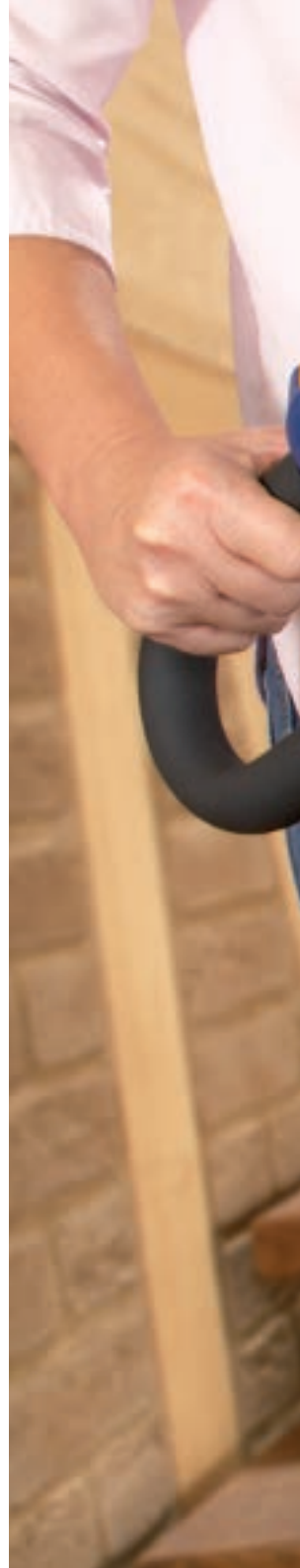
The s-max helps you to overcome this barrier safely.

The patented kinematic stairclimbing system means you can be moved safely and smoothly up, down steps and stairs. Your ability to participate in daily life is restored, without having to majorly disrupt your home. All without having to get out of your wheelchair.

Easy to operate and light in weight, even the smallest carer can use it!

Advantages that convince

- **ComfortStep** - for a comfortable driving experience
- **Automatic braking function** when descending
- **High versatility**, even on extremely narrow stairs



Innovative technology and
unique ideas — for more
safety and comfort

Climbing stairs in the dark is made
easy by the integrated LEDs.



Mobility is quality of life — overcome daily obstacles comfortably in your own wheelchair

The s-max's thought-through safety concept includes brakes that stop automatically at the edge of each step, for a safe and effortless climbing process.

And no more climbing stairs in the dark, s-max has integrated added LEDs.

An motor immobiliser prevents unauthorized use thus adding extra safety.

The climbing speed is individually adjustable to suit each operator, each situation.

If desired the single step mode can be turned off.

The s-max is quickly and easily mounted and, due to its compact measurements, it is also suitable for particularly narrow wheelchairs.



Thanks to its compact measurements the s-max is perfect for narrow children's wheelchairs as well.



Innovative technology and unique ideas — for more safety and comfort

The control unit and the grips are ergonomically designed for optimum operator comfort



Improved technology and new design — with the s-max you overcome safely all barriers

- LEDs for safe operation in the dark
- Engine immobiliser to prevent unauthorized use
- ComfortStep - for a comfortable driving experience
- Single-step-mode
- Automatic braking function when descending
- High versatility, even on extremely narrow stairs
- No damage on stairs and floor coverings

What's in the box...

The delivery package of the s-max includes the power unit, the grips with control unit, the battery pack and the charger. Brackets for virtually all wheelchair types are available as accessories.





s-max sella

The versatile stair climber

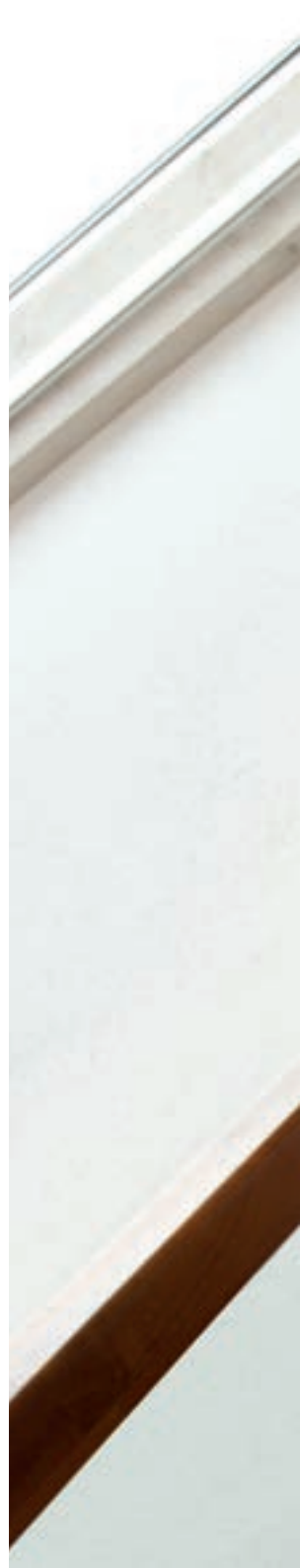
The s-max sella combines the technology of the s-max with an integral seat. It provides a stylish, compact means of safely transferring anyone with reduced mobility up, down steps and stairs.

For transportation, you can easily fold or disassemble the s-max sella.

Its compact size means it'll easily fit in the boot, opening opportunities for you in the wider world, or even just to visit friends, family, neighbours.

Advantages that convince

- This stair climber is applicable on virtually all types of stairs
- For transportation you can fold up or disassemble the s-max sella easily
- Integrated seat





Technology that you can trust — safe and mobile with s-max sella

- LED's for safe operation in low-light situations
- Engine immobiliser to prevent unauthorized use
- ComfortStep - for a comfortable driving experience
- Single-step-mode
- No damage on stairs and floor coverings
- Automatic braking function when descending
- Particularly suitable for narrow stairs

What's "in the box"

The delivery package of the s-max sella includes the power unit, grips/seat unit, the battery pack, and the charger.

We offer individual accessories to adapt the s-max sella optimally to your special demands





SDM7 the universal rack

turns your wheelchair into a stairclimber

Transporting someone in their own wheelchair can be a problem when out and about: not every building is yet fully accessible!

With the help of the s-max power unit with the universal rack (SDM7) it is possible to transport a person in his own wheelchair easily and comfortably up and down stairs, inside or outside.

The combination s-max / SDM7 approved to a carrying weight of 135 kg.

Because of its suitability to wheelchairs, the s-max with universal rack is the smart answer for accessibility in any public building.

Advantages that convince

- Can take almost all commercially available wheelchairs
- Applicable in a universal and flexible way
- No special brackets need to be put on the wheelchair



*The permitted total load consists of the wheelchair and the weight of the person.



CR230 bariatric

The power pack among the stair climbers

For people with mobility issues, stairs are a great obstacle.- even more so if you are a larger person.

The CR230 can transport someone up to 230 kg. (32st), moving between levels, safely, smoothly and in comfort, at home and abroad...

The CR230 features our innovative ComfortStep which works in the single step mode as well as in the regular climbing mode.

The integrated foldable seat means the CR230 stows compactly away when not in use, optimising your living space.

Advantages that convince

- Maximum carrying weight 230 kg
- Foldable:space-saving storage
- ComfortStep - for a comfortable driving experience



Illustrations may differ.

ComfortStep

Climbing stairs newly defined!



ComfortStep

The combination of pleasant driving characteristics and a comfortable climbing experience

ComfortStep was developed for the stair climber series s-max and c-max. It revolutionizes the previously existing climbing kinematics of these stair climbers.

For the transported person this is particularly evident because of a comfortable climbing process characterized by low vibrations

ComfortStep is a standard component of each s-max, c-max and CR230 stairclimber. It works in the single step mode as well as in the regular climbing mode.

The adaptation to a variety of step heights is a further function provided by ComfortStep. This makes an easy and individual adaptation to your particular stairs possible.

Advantages that convince

- Pleasant and comfortable climbing process
- Individually adjustable to various steps' heights
- Available for the single step mode as well as the regular climbing mode

With the right accessories — equipped for all kinds of situations



Head rest



Widening of the arm rests



Seat belt system including hip belt



Hip belt



Anti-tilt support



Tipping bar



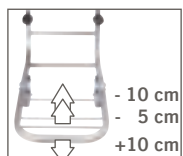
Transportation adapter



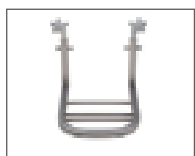
Brackets for your wheelchair



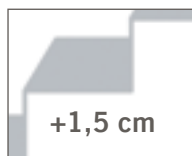
Support bolt



extended / shortened footrest



Children's footrest



Increase of climbing height



Charger for your car



Voltage converter



Universal rack SMD7



U3 chair



Seat extension



Arm rests adjustable in width

Accessories	c-max 140	CR2304	s-max 135	s-max sella 135
Head rest	•	•	•	•
Arm rests	-	•	-	-
Widening of the arm rests	•	-	-	-
Arm rests adjustable in width	-	•	-	-
Seat extension	-	•	-	-
Seat belt system including hip belt	•	•	•	•
Hip belt	•	-	•	•
extended / shortened footrest	•	-	-	-
Children's footrest	•	-	-	-
Increase of step's height	•	•	•	•
Anti-tilt support	-	-	•	-
Tipping bar	-	-	•	-
Transportation adapter	-	-	•	-
Brackets for your wheelchair	-	-	•	-
Charger for your car	•	•	-	-
Voltage converter	•	•	•	•
Universal rack SMD7	-	-	•	-
U3 chair	-	-	•	-
Support bolt	-	•	-	-

CE The stair climbers by AAT concide with the guidelines of the European Union 2006/42/EG, 2007/47/EG and 93/42/EG.

In addition, AAT is certified according to DIN EN ISO 9001:2015 and DIN EN ISO 13485:2016.

Technical data	c-max 140	CR2304	s-max 135	s-max sella 135
Total weight approved	172 kg	272 kg	157 kg ⁽¹⁾	172 kg
Max. weight of the person	140 kg	230 kg	135 kg ⁽³⁾ (incl. wheelchair)	135 kg
Climbing speed steps per minute ⁽¹⁾ (continually adjustable)	9 — 23 ⁽²⁾	8 - 21 ⁽²⁾	7 — 23 ⁽²⁾	7 — 23 ⁽²⁾
Range with one charge of the batteries (on average load of 75 kg)	approx. 25 Levels ⁽²⁾ (equates 375 Steps)	approx. 25 Levels ⁽²⁾ (equates 375 Steps)	approx. 25 Levels ⁽²⁾ (equates 375 Steps)	approx. 25 Levels ⁽²⁾ (equates 375 Steps)
Max. height of step extended	210 225 mm	210 225 mm	210 225 mm	210 225 mm
Width Width (without armrests)	491 444 mm	588 496 mm	495 mm	519 495 mm
Depth Depth	780 1118 mm	961 1257 mm	362 mm	753 936 mm
Height min. max.	1089 1431 mm	1287 1631 mm	1181 1592 mm	1130 1498 mm
Batteries	2 x 12 V / 5 Ah	2 x 12 V / 5 Ah	2 x 12 V / 3.3 Ah	2 x 12 V / 3.3 Ah
Direct current motor	24 V / 275 W	24 V / 275 W	24 V / 200 W	24 V / 200 W
Weight, climbing unit	17.8 kg	35.7 kg	16.1 kg	16.1 kg
Weight, handle unit	4.5 kg (incl. back rest)	-	3.1 kg	16.5 kg (incl. seat unit)
Weight, C-part with seat	5.3 kg	2.3 kg	-	-
Weight, arm rests	1.3 kg	-	-	1.3 kg
Weight, battery pack	4.0 kg	4.3 kg	3.1 kg	3.1 kg
Total weight	28.9 kg	38.0 kg	19.2 kg	33.9 kg

(1) Please note the maximum load stipulated by the wheelchair manufacturer. The range also depends on the weight of the person seated.

(2) The climbing speed as well as the range with one charge of the batteries is reduced if the ComfortStep is activated.

(3) The person weight was calculated using an assumed wheelchair weight of 20 kg.

Additional technical information as well as notes and tips can be found in the product-specific user manual.
The user manuals are available for free download on our homepage www.aat-online.de.

In the interest of progress we reserve the right for technical changes.



AAT Service & Support

Customer service at its best



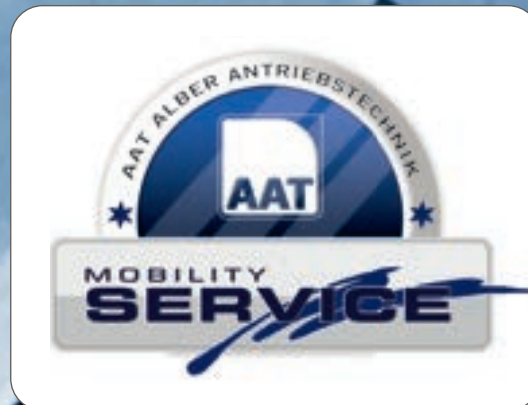
People are at the heart of our business.

YOU need to know we are here for you, whatever you need

- free assessment of you, and your situation, to help determine the right solution for you
- full training in safe operation included
- annual service & maintenance available
- accessories to ensure the correct set up for you, now- and in the future

T: 01978 821875
e: sales@aatgb.com
www.aatgb.com

- Spare parts
- Repairs processing
- Technical advice
- Product seminars
- Show room exhibition devices
- Re-use
- Complaints
- Loaner devices



Groundbreaking, due to innovative technology — Stair climbers of AAT convince on all counts

Our incentive at AAT is to offer you more mobility and quality of life by means of intelligent technology. All our know-how and expertise gained in many years of

experience developing powered systems for wheelchairs and climbing aids produced an intelligent, reliable and safe system that offers numerous advantages.



Follow us on
social media



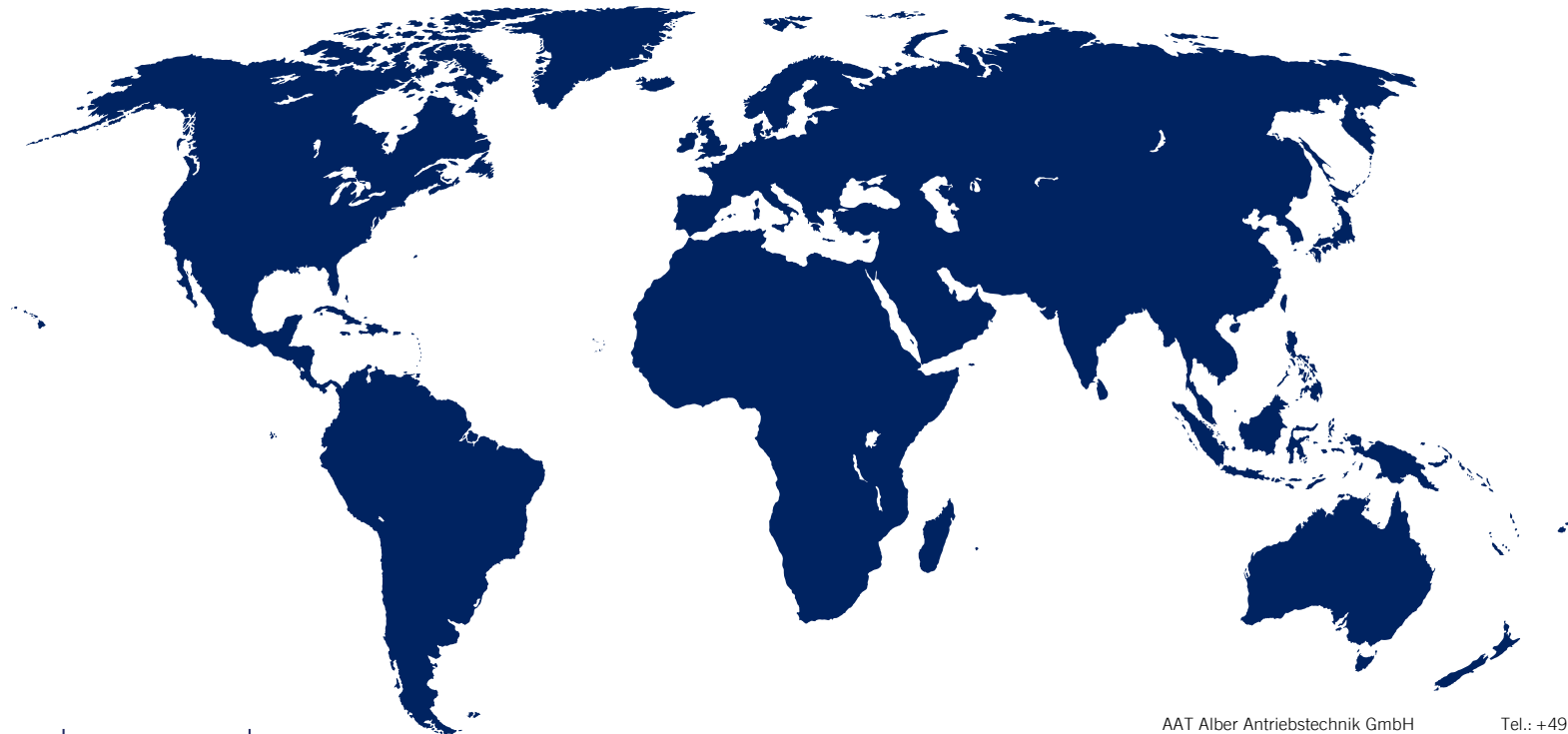
AAT online



Contact agents

steigen_gb_09_2021 (10.1)

Persons with visual or reading disabilities as well as mental disabilities can display/print this brochure in larger letters at www.aat-online.de or if necessary have it read aloud to them. In addition, you will find product-specific user manuals with further technical information and instructions on our homepage.



Ideen bewegen mehr

AAT Alber Antriebstechnik GmbH
Postfach 100560 · D-72426 Albstadt

Tel.: +49.7431.1295-0 · Fax: 1295-35
info@aat-online.de · www.aat-online.de