

c-max

The Universal Stairclimber

Power, safe, and comfortable - upstairs and downstairs



c-max

The universal stair climber

Mobility represents an essential aspect of your quality of life. Thus, it should not be restricted. The operator merely steers the c-max with very little physical effort especially along narrow stairs.

The c-max's low weight and the fact that it can be easily and quickly dismantled, makes it possible to be taken everywhere. That way you reach your destination safely and comfortably.

Advantages that convince

- No damage to the edges of stairs
- High versatility even on winding or narrow staircases
- To be used as pushing wheelchair as well, stable construction
- Single step mode
- ComfortStep (For a comfortable driving experience)
- Low weight and easy disassembly
- Continuously adjustable climbing speed

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



WITH THE C-MAX

Benefit To The Maximum



Comfort Step function

The combination of pleasant driving characteristics and a comfortable climbing experience on every step.

Automatic braking function

The automatic braking function when descending is part of our safety concept.

Ergonomic and easy handling

All functions required for the climbing process can be operated with just one hand.

PERFORMANCE FEATURES

The c-max On Detail

The right features and reliable functionality are essential factors when searching for the right medical aid. Discover the difference and be inspired by our c-max

140 kg

Permissible Person Weight

23 steps

Climbing Speed / Minutes

375 steps

Maximum / Battery Charge

Technical data

Technical Data	
Total weight approved ⁽¹⁾	170 kg
Max. weight of the person	140kg
Climbing Speed	2 - 23 Steps / Minutes
Range with one charge of the batteries on Ø person weight of 75 kg	approx. 25 Levels (equates 375 Steps)
Max. height of steps	210 mm (Standard) 225 mm (extended)
Width handle climbing unit	485 440 mm
Depth with folded foot rest	915 730 mm
Height, min max	1090 1440 mm
Batteries	2 x 12 V / 5Ah
Direct current motor	24 V / 275 W
Weight climbing unit	18.1kg
Weight C part plus seat	5.5 kg
Weight back rest	4.5 kg
Weight both arm rests	1.2 kg
Weight battery pack	4.1 kg
Total weight (incl. battery pack)	33.4 kg

Please note the maximum load stipulated by the wheelchair manufacturer. The climbing speed as well as the range with one charge of the batteries is reduced if the ComfortStep is activated.

Unique ergonomics

Our control unit has been specially designed to provide you with maximum comfort during the climbing process - whether climbing up or down the stairs. With ease, you can use the control unit to activate or deactivate the stair climber, adjust the speed continuously or decide whether you want to go up or down the stairs.

The control handle also features a safety chip which ensures that the stair climber is only used by authorized persons. Therefore, you can always be sure that your stair climber remains in safe hands, even if you temporarily leave it in the hallway of an apartment building, at the doctor's office or in another public location.



Climbing stairs new defined

With the Comfort Step, the climbing dynamics of the c-max has been revolutionized and offers you an unrivaled comfort experience.

For you as a user, this results in an extremely pleasant and low-vibration climbing process. The Comfort Step is a serial feature of every c-max and works in single step mode as well as in the permanent climbing mode.

In service of your safety



The stair climber has an integrated LED light on the lower part of the drive unit. This function provides optimum illumination of the steps even in poor lighting conditions. This is particularly important in bigger staircases with an automatic light control system.

One of the most outstanding features of our safety concept is the automatic braking function when descending. This innovative technology prevents the stair climber from being pushed too far over the edge of the stairs. The brakes activate on every step, ensuring optimum safety every time the stair climber is used.

At your service patented technology that rises to the occasion

The most important features of the c-max are safety, versatility and comfort. To reach this standard we developed numerous intelligent solutions to make your life easier. At the heart of the matter lies the patented climbing mechanism which virtually climbs stairs all by itself.

The c-max is available in two versions: for persons with a maximum weight of either 140 kg or 160 kg.

The c-max's safety brakes stop automatically on the edge of each step. Its robust climbers set down closely to the step.

This guarantees a solid, steady footing, a simple and convenient handling and avoids the damaging of the stairs' edges.

The climbers further make the c-max particularly versatile. It can be used on all kinds of stair coverings such as wood, stone, metal, PVC or carpet. The big wheels and the climbers even allow the use on grating stairs!

For your maximum comfort you can choose the climbing speed at your ease, a single step mode is an integrated feature that you can activate, if necessary.



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

Quickly and effortlessly you can disassemble the c-max and store 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 immobilizer prevents unauthorized use.

The removable battery pack you can charge separately from 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 every-
where else too.

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



Accessories



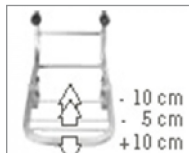
Handle Extension



Height Adjustable Footrest



Inclination Indicator



Extended / Shortened Foot Rest



Headrest



Charging cable for vehicle



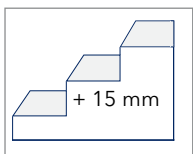
Widened armrests



Harness belt including lap belt



Hip belt



Riser height extension



ACCESSORIES

c-max

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.

Advantages that convince

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

ComfortStep is a standard component of each s-max and c-max stair climber. 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 adaption to your particular stairs possible.





c-max



CERTIFICATE



ISO 9001:2008

DEKRA Certification GmbH hereby certifies that the company
AAT Alber Antriebstechnik GmbH
Ehsestetter Weg 11, 72458 Albstadt, Germany

Scope of certification:

Development, production and sale of products in the rehabilitation-, transport- and medical technology market as well as service and repair

Certified locations:

D-72458 Albstadt, Ehsestetter Weg 11
D-72458 Albstadt, Zieglerstraße 7

has established and maintains a quality management system according to the above mentioned standard. The conformity was adduced with audit report no. 51143-Z4-00.

This certificate is valid from 2016-08-16 to 2018-09-14

Certificate registration no.: 40704918/5



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Lothar Wernofen
DEKRA Certification GmbH Stuttgart; 2016-07-04

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EN ISO 13485:2012 + AC:2012

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Certificate registration no.: 51143-11-01



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Seals of quality and memberships



The company AAT Alber Antriebstechnik GmbH is a member on the BVS Bundesverband des Sanitatsfachhandels e.V.



All products of the company AAT Alber Antriebstechnik GmbH has been tested successfully by the Berlin Cert at the Technical University Berlin.



The company AAT Alber Antriebstechnik GmbH herewith declares that all products are developed and produced according to the general regulations of the European guideline 2007 / 47 / EG.

CargoMaster Series the stair climber for professionals

At AAT we design intelligent technology supporting and relieving you concerning problems of transportation.

Our knowledge and skill we derive from long experience which we invest into the development of innovative power system and climbing aids.

The company AAT Alber Antriebstechnik is certified according to
DIN EN ISO 9001:2008

 CargoMaster System coincides with
the European Guidelines 2006/42/EG

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



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