



## The universal stair climber

Safe and comfortable upstairs and downstairs

**c-max**

[www.aat-online.de](http://www.aat-online.de)



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Mobility represents an essential aspect of your quality of life. This should not be restricted, if at all possible. The mobile stair climbing aid 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 obstacles inside as well as outdoors.

The patented climbing kinematics practically take over the climbing process. The operator merely steers the c-max with very little physical effort. The c-max's low weight and the fact that it can be easily and quickly dismounted make it possible to take the c-max everywhere. That way you reach your destination safely and comfortably.



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.



## 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 designed to transport persons up to 140 kg. For persons of a higher weight we offer a stronger version that carries patients up to 160 kg.





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.

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.



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



It is simple and quick to disassemble the c-max for transportation.

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 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.



## Complete equipment and accessories — for all your requirements

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 up to 1.5 cm, i.e. that special c-max can climb steps measuring 22.5 cm. The inclination indicator helps you to find the optimum inclination angle for operation. If you hold the c-max too high or too low you feel a vibration in the grip.

### Accessories\* for your c-max



Head rest



Charger for your car



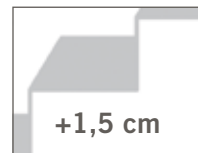
Widening of the arm rests



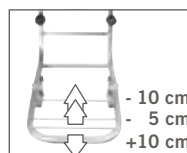
Seat belt system including hip belt



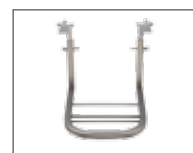
Hip belt



Increase of step's height



extended / shortened footrest



children's footrest



Inclination indicator

\*further accessories on demand

# Technology that you can trust — safe and mobile with c-max

Our incentive at AAT is to offer you more mobility and quality of life by means of intelligent technology. A good example of this philosophy is the stair climbing aid c-max.

All our know-how and expertise gained in many years of experience developing powered systems for wheelchairs and climbing aids produced to an intelligent, reliable and safe system that offers numerous advantages:

- **climbers instead of climbing wheels for secure and solid footing**
- **to be used as a pushing wheelchair as well**
- **stable construction**
- **no damage to the edges of stairs**
- **high versatility even on winding or narrow staircases**
- **applicable on almost all stair coverings**
- **low weight and easy disassembly**
- **single-step-mode**
- **continuously adjustable climbing speed**

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**CE** c-max coincides with the European Guidelines 2007/47/EG and 2006/42/EG.

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



The company AAT Alber Antriebstechnik is a member of the QVH and has been awarded the quality stamp according to the inspection of quality standards for medical vehicles. AAT is certified according to DIN EN ISO 9001:2008 and EN ISO 13485:2003 + AC:2007.

Technical data	c-max 140	c-max 160
Total weight approved	170 kg	190 kg
Max. weight of the person	140 kg	160 kg
Climbing speed	8 — 23 steps per minute (continually adjustable)	8 — 23 steps per minute (continually adjustable)
Range with one charge of the batteries on average load of 75 kg	approx. 25 levels (equates 375 steps)	approx. 25 levels (equates 375 steps)
Max. height of step	210   225 mm (extended)	210   225 mm (extended)
Width	485   440 mm (without arm rests)	485   440 mm (without arm rests)
Depth	915   730 mm (folded in foot rest)	915   730 mm (folded in foot rest)
Height	1090   1440 mm	1090   1440 mm
Batteries	2 x 12 V / 5 Ah	2 x 12 V / 5 Ah
Direct current motor	24 V / 275 W	24 V / 275 W
Weight climbing unit	18.1 kg	18.1 kg
Weight C part plus seat	5.5 kg	5.5 kg
Weight back rest	4.5 kg	4.5 kg
Weight both arm rests	1.2 kg	1.2 kg
Weight battery pack	4.1 kg	4.1 kg
Total weight	33.4 kg	33.4 kg



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