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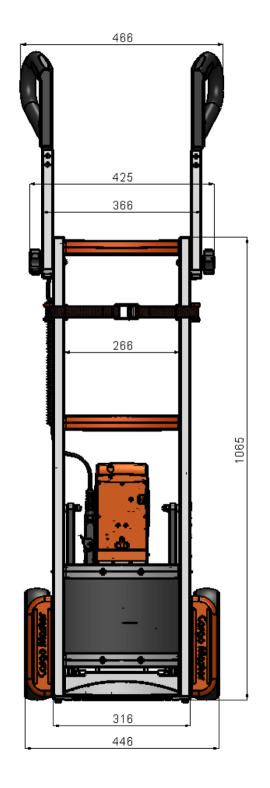
COMFORT STEP

CargoMaster





#### CC200 DIMENSIONED SKETCH





#### CargoMaster [[]]

#### The newest generation of stair climber

The CC series is the newest development of stairclimbers at AAT. Due to the numerous technical novelties such as the ComfortStep or the multi-level battery display, the CC series sets new standards concerning handling and ease of use.

Because of the patented and standard ComfortStep even sensitive loads can be transported. The ComfortStep convinces by quietly and softly touching down on the step making it an indispensable aid for the transportation of even highly sensitive loads.

The integrated battery display informs you at all times on the actual charging capacity and offers the user maximum safety.

Due to the well-tried AAT brake, which stops automatically at the edge of a step, the CC series becomes your reliable partner for any type of transportation problem.

#### **Advantages That Convince**

- SAFE & EFFICIENT TRANSPORTATION OF LOADS UP TO 200KG
- COMFORTSTEP FOR EASY, GENTLE, HANDLING OF SENSITIVE GOODS
- INTERGRATED, MULTI-LEVELLED  **DATTERY DISPLAYS**
- CURVED PROTECTED BODY BASE FOR EASE OF BARREL TRANSPORTATION

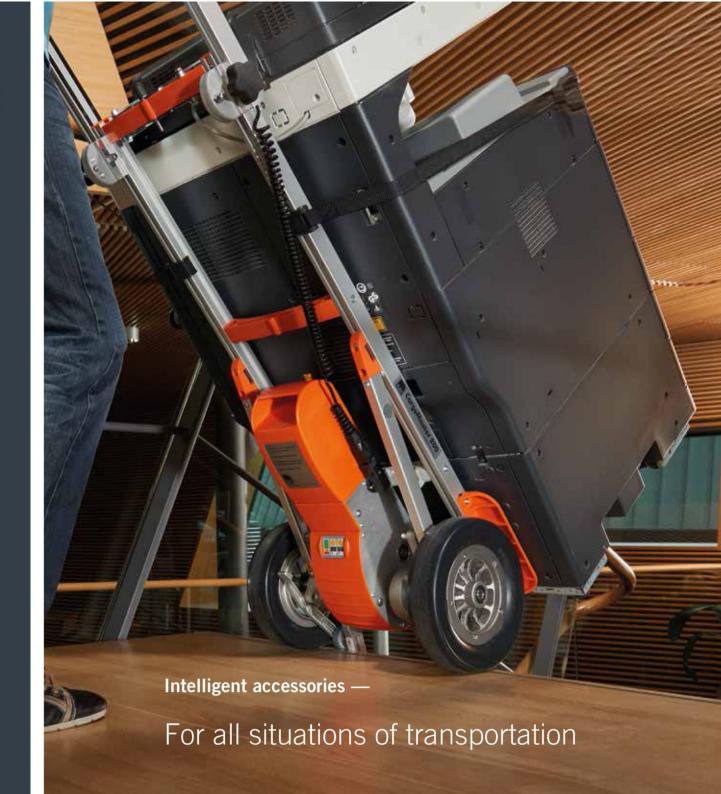


#### **Standard Equipment**

#### The delivery package includes:

- Stair climber (CC200)
- Battery pack with locking device
- Puncture-proof tires
- Standard blade
- Charger
- Lashing strap.





#### CargoMaster CC200

#### That's the way you transport things today

Either as a stair climber or a push cart, the CargoMaster is a transportation aid on stairs as well as on level ground.

The powerful electric drive is fed by a battery, which can be charged with a quick charge power supply?

The tires made of solid rubber are puncture-proof—also under long-term stress of the wheels.

The driving comfort is comparable to that of pneumatic tires.

As an option, various pneumatic tires are available.

Its low empty weight and easy handling, make the CargoMaster an indispensable aid.

Inside or outside — the CargoMaster is a strong partner in any type of environment.

The CC series of the CargoMaster includes the CC160 (not applicable in asia) with a lifting power of 160 kg, and the CC200, which is capable of lifting up to 200 kg.

\* For special challenges, there is a great variety of accessories to equip your CargoMaster optimally for individual tasks of transportation.



#### Toe plate variety

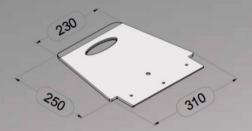
#### CargoMaster CC200

\* Choose the appropriate toe plate for your personal transportation situation from the variety we offer.

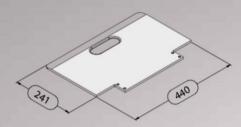
Item number		CC160	CC200
0	included in the delivery package	-	
Standard toe plate 310 x 250 x 230 mm	additional	100608	
Toe plate 440 x 240 mm	instead of standard version (extra charge)	100662	
iso pais the A 2 to film	additional	100663	
Toe plate 600 x 120 mm	instead of standard version (extra charge)	100664	
	additional	100665	
Toe plate 400 x 440 mm	instead of standard version (extra charge)	100666	
	additional	100667	
Toe plate to hook on 430 x 405 mm		100668	
Toe plate for a laundry cart		100669	
Plate to hook in for the transportation with a chair		100705	
Plate to hook in for crates with drinks		100708	

\* We are happy to create and produce special plates for your particular demands.

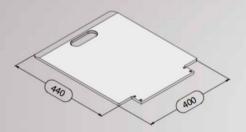
#### Standard toe plate 310 x 250 x 230 mm



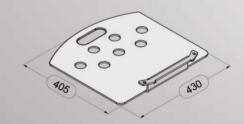
Toe plate 440 x 241 mm



Toe plate 400 x 440 mm



Toe plate to hook on 430 x 405 mm







#### Comfort Step

#### Comfortable and low-vibration handling of loads

ComfortStep was designed for the stair climbers CC160 and CC200. Revolutionised the previous climbing cinematic of stair climbers.

Due to the extremely soft touch down on the next step even particularly sensitive goods can be transported comfortably and with low vibration.

ComfortStep is a standard feature and works in single step mode as well as in the continuous climbing mode.





#### Safe and with little physical effort —

#### Not just powerful, but also Quick

**Battery Display** 

ComfortStep Mode

Because of its lean design yet sturdy construction, the CC series lends itself particularly well to be used in manufacturing, trade, and business.

You can easily transport bulky goods such as grinding machines, linoleum spools, or wood-burning stoves up to 200 kg.

Even on narrow stairs you can rely on the CargoMaster. Its safe climbing mechanism conquers even spiral staircases, plus it can be used on virtually any surface. The edges of steps are not damaged. The CargoMaster is very versatile and can handle optimally the most diverse situations of transportation.

#### One battery charge can last up to 30 LEVELS

The CargoMaster's climbing speed can be adjusted continuously. The safety BRAKES STOP AUTOMATICALLY at each step's edge. Adjustments on the stairs are thus possible at all times.

Thanks to the standard single step mode even very narrow staircases can be climbed safely.

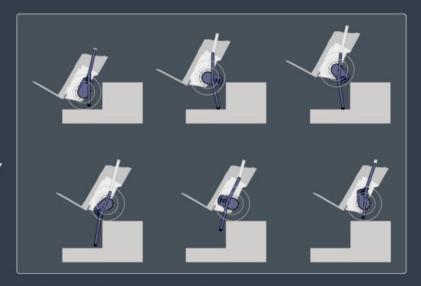
Due to its low empty weight, the CargoMaster can be taken anywhere without problem. You can store it tightly in your car by inserting the grips and folding up the blade.



Single & Continuos Step Mode



Adjustable climbing speed variable control



The reliable climbing mechanism safely manages each step





#### Front plate

Made of safety plexiglass to protect the goods from sliding through or from scratching.



Back wall

Made of aluminum with a felt cover to protect the goods from sliding through and from scratching.



Pneumatic tires

black I grey



Charging cable for the car

Available in 12 V or 24 V.

Item number		СС	160	CC200
Back wall		100674		
Support for white goods		100673		
Lock for plate		100611		
Front plate		100703		100704
Battery pack		100610		
Transportation wheel		100675		
Charger		100027		
Charging cable for the car	12 V I 24 V	100022 100024		
Pneumatic tires (extra charge)	black I grey	100462 100519		100519
Support for round containers		100672		
Extended climbing height	0,5 cm   1,5 cm	100670 1006		100671
Extended grips + 20 cm (extra charge)		100616		
	steps	3 steps	4 steps	5 steps
Auxiliary stairs	regular support	100017	100018	100126
	extended support	100325	100326	100522
Auxiliary stairs for extra heavy loads	extended support	104089	104004	104118



Auxiliary stairs made of steel, takes a load of up to 350 kg or for particularly heavy loads, up to 500 kg

Thanks to these stairs you can comfortably load and unload your transporter, trailer, or transportation vehicle. Boot sills between 480mm – 900mm in height are possible. If your vehicle has a tow-bar you need the auxiliary stairs with an extended support.



Transportation wheel

With this transportation wheel loads can be pushed on level ground with very little physical effort. Thus, very quickly you can switch from stair climbing to wheeling goods on level ground. Also, higher goods can be transported through doors that way.



Support for white goods



Lock of the toe plate



Support for round containers

With a diameter of approximately 150 – 800 mm to protect round goods. Easy assembly by popping it on.



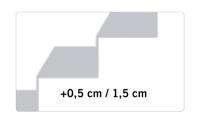
Battery pack

Additional battery pack for continuous operation.



Extended grips

20 cm longer than standard grips.



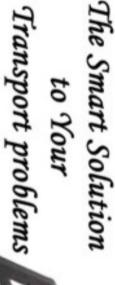
Extended climbing height

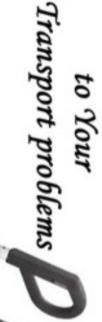
Extension by 0.5cm / 1.5cm.

Model	CC200
Measurements	Height: 1065-1490mm Width : 466mm Depth with toe-plate hinged/folded down = 290 / 530 mm
Weight	Climbing unit = 25.8 kg Battery pack = 4.1 kg Total weight = 29.9 kg
Lifting capacity	200 kg
Climbing speed	6- 19 steps / minute, continually adjustable
Range with one charge of the batteries	Approx. 18-31 levels (equates 225 -450 steps)
Maximum height of step	210 / 225mm (extended)
Necessary step width (straight stairs)	Width: CargoMaster + Load + 100 mm
Min. platform size (U-shaped stairs)	Depends on the attendant's height
Batteries	2 x 12 V / 5 Ah (sealed lead acid)
Direct current motor	24V/275V
Sound pressure level	< 70db
Storing/operating temperature, device	0° C bis +60° C / -30° C bis +50° C
Storing/operating temperature, batteries	0° C bis +60° C / -30° C bis +50° C
Vibrations	The weighted RMS value of acceleration the upper body is exposed to lies typically below $2.5~{\rm m/s^2}$
Sticker serial number	On the left side of the housing.
IP-Protection class	IPX4 protection class: Protection against splash water from all sides.

# The Versatile Transportation Aid

Cargo Master Stair Climber







nporte





Call us to find out more infomation:

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1 DEVICE - 2 FUNCTIONS

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#### Seals of quality and memberships



The company AAT Alber Antriebstechnik GmbH is a member on the BVS Bundesverband des Sanitätsfachhandels 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 guidelines 2007/47/EG.



## ISO 9001:2008

DEKRA Certification GmbH hereby certifies that the company

# AAT Alber Antriebstechnik GmbH

Ehestetter Weg 11, 72458 Albstadt, Germany

## Scope of certification:

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

## Certified locations:

D-72458 Albstadt, Ehestetter 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



Lothar We noten Tobar, Harone DEKRA Certification GmbH Stuttgart; 2016-07-04



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**DEKRA** 

# EN ISO 13485:2012 + AC:2012

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Certificate registration no.: 51143-11-01



**DAkkS** Deutsche Akkreditierungsstelle D-ZM-16029-08-00

DEKRA Certification GmbH Stuttgart; 2016-07-04

DEKRA Certification GmbH \* Handwerkstraße 15 \* D-70565 Stuttgart \* www.dekra-certification.de

#### Ideen bewegen mehr

AAT Alber Antriebstechnik GmbH is the manufacturer of mobile, flexible and manageable stair climbing systems and supplementary power systems in the field of rehabilitation and transportation technology.

All products by AAT are conceived as user-oriented highly effective solutions, which persuade in terms of innovative technology and top quality. The brand AAT stands for customer satisfaction, high quality, innovation and trust.

With the slogan "Ideen bewegen mehr" (Ideas move you) AAT makes a promise to you and high demands on itself.

Years of experience in the field of rehabilitation and transportation technology are responsible for the reliability of the products. Highly motivated and committed employees make an essential and profound contribution to the quality of the products.

For AAT the location in Germany is one of the essential aspects of its philosophy. To be able to react quickly and flexibly to customer demands, AAT values the origin of the suppliers' parts. Therefore the great majority of suppliers are located in Germany, most often in close vicinity.

The credo to help people lies at the center of each new development. This opens new areas for the realization of original and creative ideas, implemented by the newest insights in science and research.

AAT products are subject to a continuous process of improvement to live up to the fast changes of today. They stand out due to security, versatility and comfort.

### CargoMaster

The Stair Climber for Professionals