



## The versatile transportation aid

The smart solution to your problems of transportation

**CargoMaster**

**C**

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



Ideen bewegen mehr



## Versatile and cost-effective — CargoMaster increases your efficiency

The transportation of heavy goods sometimes exceeding your personal weight can easily lead to accidents or even health problems. CargoMaster not only moves heavy loads, you may also put the second person, often necessary to deliver goods, in a more efficient place elsewhere. That's why the device pays for itself in a very short time.

The C-series is particularly helpful in situations concerning logistics, trades and crafts where not only a safe transportation of goods is called for, but also climbing speed and versatility.

The CargoMasters of the C-series include the C141/C141 Vario, with a loading capacity of up to 140 kg as well as the C 171/171 Vario capable of transporting loads up to 170 kg. Depending on the load the device manages up to 30 steps per minute.

Reduce health risks and costs by letting the CargoMaster do your heavy work.



170kg



**Safely and effortlessly —**  
The CargoMaster is  
powerful and quick

Stacked goods such as drink cartons or paper, but also barrels, can be moved easily with the CargoMaster. With this powerful transportation aid one person can transport up to 170 kg safely and with little effort in one single operation upstairs or downstairs.

Even narrow stairs are no problem for the CargoMaster. Its safe climbing mechanism manages even winding stairs and can be used on virtually every type of surface. The steps' edges are not damaged.





Single step control

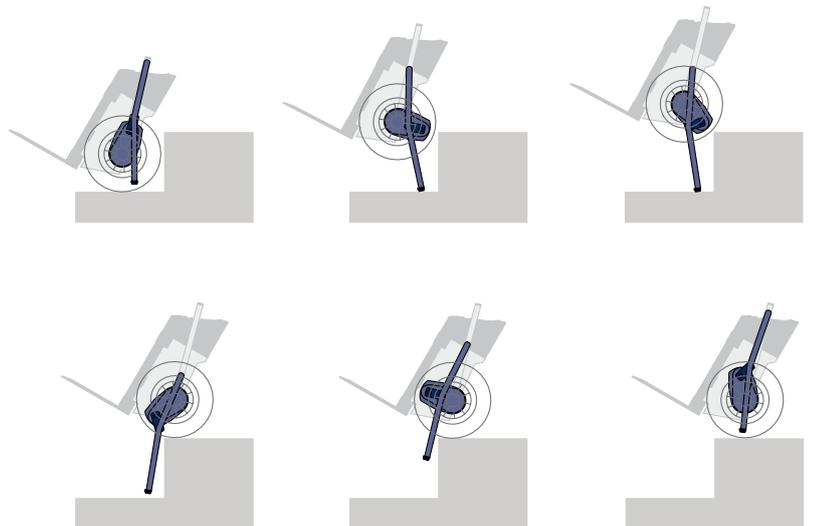


Continuously adjustable climbing speed

CargoMaster adapts perfectly to each different situation of transportation. One battery charge is sufficient for 15 – 30 floors.

CargoMaster features a continuously adjustable speed control, and safety brakes make sure that the device stops automatically at each edge of a step. Adjustments in movement and speed on the stairs are possible at all times. Thanks to the serially equipped single step switch (model C170 and C171 Vario) even narrow staircases can be mastered. (Available as an option for the models C141 and C141Vario).

Due to its low weight you can take the CargoMaster virtually anywhere. It features a hinged toe-plate, so you can store it tightly in the car.



The reliable climbing mechanism safely manages each step

## Multitalented and no breakdowns

# — work with the CargoMaster

Both as a stair climber and as a trolley, the CargoMaster is an indispensable transportation aid on stairs as well as on level ground.

Its strong electric engine is powered by batteries, which can be charged by the main supply circuit. We recommend to get a charging cable as an accessory to be able to charge the batteries in the car. With an additional battery pack you can thus use the CargoMaster continuously. Due to its solid rubber tires the CargoMaster is free of breakdowns — even when it is in continuous operation. Handling it is comparable to devices featuring air tires.

Because of its easy handling and low weight the CargoMaster is an indispensable tool for transportation.

Both inside and outside — CargoMaster is your strong partner in every environment.

We offer a great variety of accessories for special solutions to adapt your CargoMaster perfectly to individual tasks of transportation.



You can store your CargoMaster tightly by folding up the toe-plate.

### Video



Climbing mechanism



Application

CargoMaster

C141  
C171



## CargoMaster — an all-rounder with intelligent accessories

Intelligent accessories make the CargoMaster perfect for all kinds of different transportation problems.

The vertical lift is an ideal accessory for using the CargoMaster also to load and unload goods to and from shelves. Loads up to 100 kg can be lifted onto or from shelves of up to 1.20 m in height. The vertical lift is available as an electrical or manual model. The latter is operated by a crank handle.

With the grips in the tightest position the C141 Vario (171 Vario) only measures 1060x450x300 mm and fits into any car without problem.



### Video



Steigvorgang



Anwendungsvideo

# CargoMaster C141 V C171 V



In addition to all the advantages of the C-series, the models C141 Vario (C171 Vario) also feature adjustable grips in height and angle. Thus this versatile model can be adjusted to the user's height and the center of gravity can be adapted depending on the device's load.





## Standard version

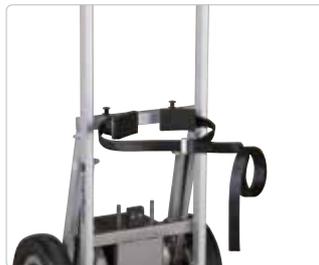
The delivery package includes a stair climber (C141, C141 Vario or C171, C171 Vario respectively) plus battery pack, charger and lashing strap.



## Intelligent accessories — for all conceivable problems of transportation



**Holding device for grocery boxes**  
To secure grocery boxes.



**Support for round goods**  
With a diameter of approx. 150 to 800 mm.



**Support for washers and dryers**  
Holding device plus strap, can be adjusted from 510 mm to 630 mm, to secure wide goods for transportation.



**Hook for crates**  
Holding device for crates.



**Portable stairs, holds a load up to 350 kg**

Thanks to these portable stairs your delivery vehicle can be easily and comfortably loaded and unloaded with the CargaMaster. Boot sills between 480 mm and 900 mm are possible. If your vehicle has a tow-bar, you need portable stairs with an extended plate.



**Stairs for very heavy loads with extended plate, made of steel, take a load up to 500 kg**

This is intended for the transportation of extremely heavy loads.



**Wheel for transportation**

With this support wheel you can push loads on level ground with little physical effort. That way you can quickly switch from climbing stairs to pushing on level ground. You can also transport tall loads through door frames.



**Automatic lashing strap**

Incl. automatic roll-up operation  
Length 3 m, Width 5 cm.



**Special water bottle carrier**

Constructed for 5 bottles.



**Back wall**

Made of steel with felt cover to protect the load from sliding or being scratched.



**Vertical lift (manual)**

To lift or lower goods up to 100 kg.



**Vertical lift (electrical)**

To lift or lower goods up to 100 kg.

Item number		C141	C141V	C171	C171V
Special water bottle carrier				100411	
Back wall				100299	
Vertical lift	Manual			100021	
	Electrical			103002	
Battery pack	Battery pack			100026	
	Mega battery pack			100200	
	Mega battery pack instead of standard (surcharge)			100272	
Charger				100027	
Charging cable for the car	12 V			100022	
	24 V			100024	
Pneumatic tires	Black (surcharge)			100462	
	Grey (surcharge)			100519	
Support for round goods				100012	
Support for washers and dryers				100201	
Hook for crates				100013	
Holding device for grocery boxes				100045	
Lock system for toe plate				100040	
Increased climbing height	0,5 cm	100263	100434	100469	100453
	1,5 cm	100262	100433	100467	100468
Automatic lashing strap				100490	
Support wheel				100530	
Extended grips + 20 cm		-	100265	-	100265
Portable stairs	Steps	3 steps	4 steps		5 steps
	Regular support	100017		100018	100126
	Extended support	100325		100326	100522
Stairs for very heavy loads	Extended support	104089		104004	104118



**Battery pack**

If you want to use your CargoMaster continuously, we recommend a second battery pack. That way one battery pack is at work in the CargoMaster, while the other one is charging.



**Mega battery pack**

Battery pack with a greater capacity.



**Charger**

If you have two battery packs, we recommend to get a second charger as well.



**Charging cable for the car**

With this charging cable you can charge the battery pack, while you drive to your next appointment. Available for 12 V and 24 V.



**Pneumatic tires**

black.



**Pneumatic tires**

grey.



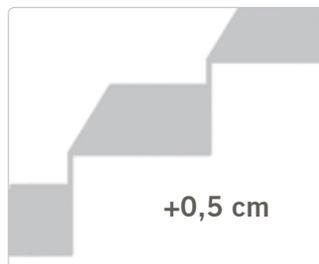
**Extended grips**

20 cm longer than standard grips (Only for the models C141V and C171V).



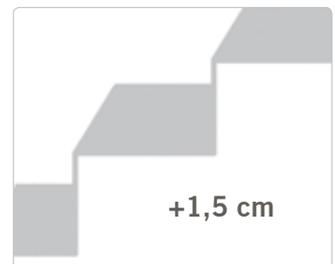
**Locking system for toe plate**

To fix the toe plate.



**Increased climbing height**

Expansion + 0,5 cm.



**Increased climbing height**

Expansion + 1,5 cm.

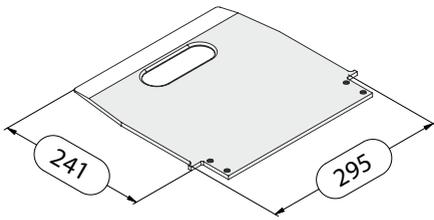
# Range of toe plates

## Special toe plates C-System

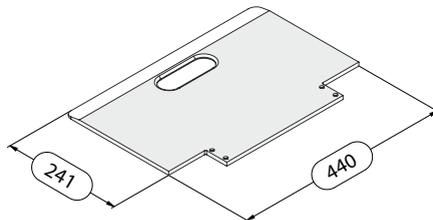
Select the appropriate toe plate from our range of toe plates. Of course we produce all types of special toe plates according to your special demands.

Item number		C141	C141V	C171	C171V
Toa plate, "standard" 295 x 240 mm	incl. in the scope of delivery		-		-
	additional		100039		100428
Toa plate, 440 x 240 mm	instead of standard (surcharge)		100155		100430
	additional		100276		100415
Toa plate, 600 x 120 mm	instead of standard (surcharge)		100156		100429
	additional		100277		100427
Toe plate, v-shaped, 295 x 240 mm	instead of standard (surcharge)			100537	
	additional			100471	
Toa plate, 400 x 440 mm	instead of standard (surcharge)			100532	
	additional			100487	
Toa plate, 400 x 266 mm	instead of standard (surcharge)			100491	
	additional			100489	
Hook-on toe plate, 430x205 mm				100309	
Toe plate for crates 400x205 to hook on				100473	
Toe plate for the transportation of laundry carts				105003	

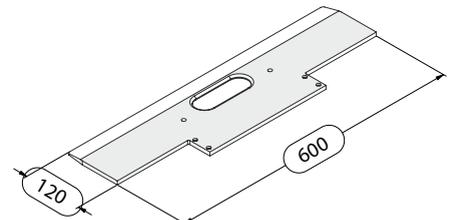
**Toe plate, "standard"**  
295 x 241 mm



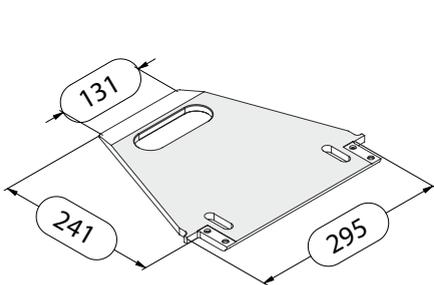
**Toe plate**  
440 x 241 mm



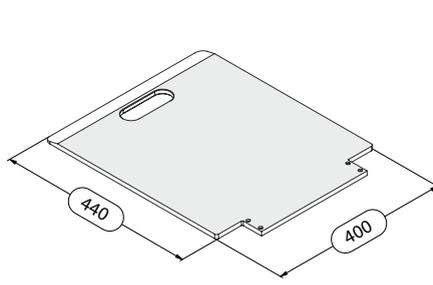
**Toe plate**  
600 x 120 mm



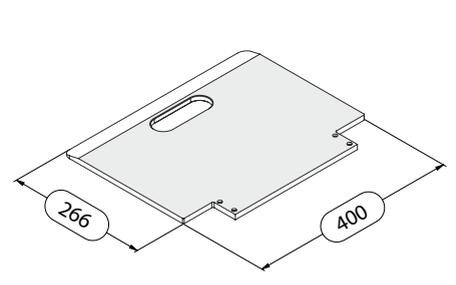
**Toe plate, v-shaped**  
295 x 240 mm



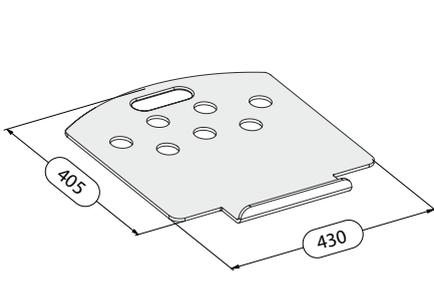
**Toe plate**  
400 x 440 mm



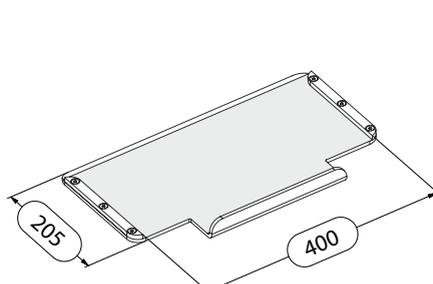
**Toe plate**  
400 x 266 mm



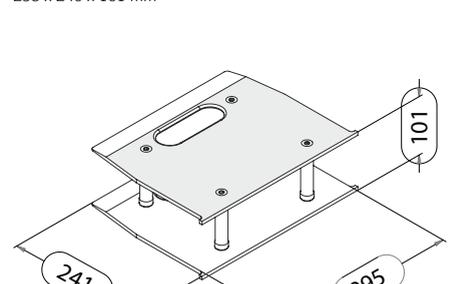
**Hook-on toe plate**  
430 x 405 mm



**Toe plate for crates to hook on**  
400 x 205 mm



**Toe plate for the transportation of laundry crates**  
295 x 240 x 101 mm



# CargoMaster C-Series — the multitalented transportation aid

We at AAT develop intelligent technology to support and relieve you concerning problems of transportation.

We use our skill and expertise, based on many years of experience, to conceive innovative transportation and climbing aids. Our CargoMaster offers numerous advantages:

- **Safe transportation of heavy goods up to 140 kg (170 kg) upstairs and downstairs**
- **Automatic safety brake**
- **Great variety of accessories**
- **Ideal for logistics**
- **Maintenance-free**
- **Very small pack size (1060 x 450 x 300 mm) referring to the Vario models**
- **Applicable on virtually all types of stairs**
- **Lightweight and sturdy frame made of aluminum**
- **High maneuverability, also on winding stairs and narrow platforms**
- **No damage of the transported goods nor the stairs**
- **Toe plate, foldable, fixed is optional**
- **Two modes of operation (single step mode/multi-level mode) ) referring only to the C141V and the C171V**
- **Maneuverable like a hand truck on level ground**
- **Puncture-proof tires, pneumatic tires optional**
- **Quick-release batteries**
- **Continuously adjustable climbing speed**
- **For steps' height up to 210 mm, optional 225 mm**
- **Made in Germany**
- **Device turns itself off automatically**

Technical data	C141	C141 Vario	C171	C171 Vario
Load capacity in kg	140	140	170	170
Climbing speed (steps/minute)	8-30	8-30	8-23	8-23
Capacity with one charge of the battery (floors, depending on the load)	15-30	15-30	10-25	10-25
Total weight including batteries in kg	26	26,5	27	27,5
Height in mm	1380	1060-1400	1380	1060-1400
Width in mm	450	450	450	450
Depth in mm	300	300	300	300



C141 / C171 online



C141 V / C171 V online

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The CargoMaster C-device coincides with the European Guidelines 2006/42/ EG.

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



Ideen bewegen mehr

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