

s-max sella vario

The Universal Stairclimber

Power, safe, and comfortable - upstairs and downstairs



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The efficient stair climber

To transport people with less mobility or in their own wheelchair is a particularly challenge in many respects. In many buildings staircases have to overcome not only in the entrance area. Especially for this purpose the s-max sella vario was developed. It offers the possibility to manage both transport situations with one device.

With the s-max sella vario it is possible to transport a person in their own wheelchair or a mobility-impaired person seated very convenient over staircases. With just a few movements the handle units can be exchanged. It is equal whether if it a matter of inside or outside staircases.

Advantages that convince

- Person transport with integrated seat unit
- Wheelchair transport with universal rack
- 1 device - 2 transport variations



WITH THE S-MAX SELLA VARIO

Benefit To The Maximum



Usable on spiral staircases

Thanks to its maneuverability the s-max vario is also suitable for spiral staircases

Automatic braking function

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

Easy exchange of the options

The two handle units can be exchanged in only a few steps.

PERFORMANCE FEATURES

The Sella Vario 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 s-max sella vario.

115 kg

Permissible passenger weight
* version universal rack

23 steps

Climbing speed / minute

375 steps

Maximum / battery charge

Technical data

Technical Data	
Total weight approved ⁽¹⁾	177kg 167kg
Max. weight of the person	135kg 135kg
Climbing Speed	7 - 23 Steps / Minutes
Range with one charge of the batteries on Ø person weight of 75 kg	up to 25 Levels (equates 375 Steps)
Range with one charge of the batteries on max person weight of 230 kg	up to 18 Levels (equates 270 Steps)
Max. height of steps	210 mm (Standard) 225 mm (increased climbing height)
Min. height of steps	120 mm
Width / Width with arm rests	320 mm / 519 mm
Depth Depth (open foot rest)	750 mm / 877 mm
Batteries	2 x 12 V / 3,3 Ah
Direct current motor	24 V / 200 W
Weight climbing unit without battery	22.2 kg
Weight handle/seat unit	16.5 kg 7.0 kg
Weight battery pack	3.1 kg
Total weight without battery	38.7 kg 29.2 kg

Observe the maximum load as indicated by the wheelchair manufacturer
Passenger weight was calculated using an assumed wheelchair weight of 20 kg.
The climbing speed as well as the range is reduced when ComfortStep is activated.
The range also depends on the weight of the occupant.

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

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 newly defined

With the Comfort Step, the climbing dynamics of the s-max sella vario 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 s-max sella vario 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.

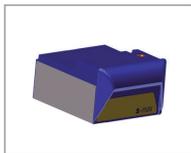
One of the most outstanding features of our safety concept is the automatic braking function when descending. This innovative technology prevents the stair climber from being pushed too far over the edge of the stairs. The brakes activate on every step, ensuring optimum safety every time the stair climber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

s-max sella vario

Scope of Delivery



Charger



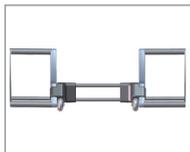
Battery pack



Handle/seat unit
with armrests



Climbing unit



Lower wheel
mount



Handle unit



Upper wheelchair
holder



Headrest

Accessories



Seat belt



Car charger



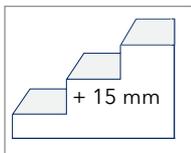
Widened armrests



Seat belt system
including hip belt



Handle swiveling
(optional equipment)



Riser height
extension

ACCESSORIES

s-max sella vario



s-max sella vario

CERTIFICATE



ISO 9001:2008

DEKRA Certification GmbH hereby certifies that the company
AAT Alber Antriebstechnik GmbH
Ehestetter 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, 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 Wernofen

DEKRA Certification GmbH Stuttgart; 2016-07-04



Deutsche
Normenkommission
D-53117 Bonn

CERTIFICATE



EN ISO 13485:2012 + AC:2012

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Certificate registration no.: 51143-11-01



T.L.
DEKRA Certification GmbH Stuttgart, 2016-07-04

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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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