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## The compact stair climber

Intelligent solution to intricate situations of transportation in confined spaces

**s-max**

aviation version

D161

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



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**Over 25 cm climbing height**

To transport persons with reduced mobility to their seats in an aircraft is often complicated. The aviation version of the s-max has been particularly designed for the close confines in an aircraft.

Due to a patented turning device manoeuvring in tight confines is easy. It is integrated into the climbers and is now quick and easy to deploy.



Compact dimensions –  
transportation direct to the seat.

## **s-max** aviation

The stair climber for professional application

With the s-max a passenger can be transported into an aircraft safely and comfortably for both them and the responsible ground staff.

It is not necessary to move the passenger into a special carrier chair, since the s-max's narrow seat width of 38 cm renders it possible to transport him or her through the aisle directly to the seat.

The device's climbing capacity mastering steps of more than 25 cm in height makes for effortless transportation on stairs of all current commercial aircraft types as well as smaller regional jets such as Avro RJ, ATR, CRJ, Dash 8, Dornier 328, Embraer and Fokker 50/70/100.

- safe and comfortable – dignified transportation of passengers
- minimal effort – takes the strain from personnel
- variable speed – to suit every situation
- patented turning device – to manoeuvre in a confined space
- compact dimensions – terminal to aircraft seat without transfer
- accessories that make sense – equipped for all types of applications



Compact dimensions – transportation direct to the seat.

s-max\_aviation\_gb\_09\_2008

## Technical data

Maximum load	160 kg
Total weight	36 kg
Maximum height of step	255 mm
Motor	24 V DC
Climbing speed	8 to 23 steps/minute
Lead batteries	2 x 12 V / 3,3 Ah airtight, rechargeable
Battery capacity	up to 300 steps, depending on the passenger's weight
Width (incl. transportation chair)	379 mm
Width of handles	474 mm
Warranty	24 months on all parts and manufacturing. For security reasons we recommend to have a maintenance check done at least every 24 months.

Please contact us or your dealer in your country, if you would like more information or a presentation.

The s-max aviation can be used in almost any commercial aircraft even in smaller, regional jets. (Avro RJ, ATR, CRJ, Dash 8, Dornier 328, Embraer, Fokker 50/70/100 or Saab 340/2000)



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## Ground-breaking, due to innovative technology — our **AVIATION** products convince on all counts

At AAT it is our goal to offer you aids for more efficiency in your business operations by means of intelligent and state of the art technology.

Our expertise and knowledge based on long-standing experience in the development of climbing aids and powered systems for wheelchairs leads to an improved system which relieves your staff and facilitates the transportation of passengers with reduced mobility considerably.

- **easy handling**
- **compact dimensions**
- **individually applicable**
- **minimal physical effort**
- **variable speed**
- **reliable and low in maintenance**
- **useful accessories**



ALL products concurs with the guidelines of the European Union 2007/ 47/ EG and 2006/42/EG

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



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