



## 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)

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. 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 up to 25 cm in height makes for effortless transportation on stairs of all current aircraft types.

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.

The s-max aviation device is already in use on numerous local as well as major airports in Europe. We are happy to send you a list of references, if you wish.



Powerful mechanism – for the transportation up and down aircraft stairways.



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- 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.

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## 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<br>airtight, rechargeable   |
| Battery capacity                   | up to 300 steps, depending<br>on the passenger's weight   |
| Width (incl. transportation chair) | 379 mm  |
| Width of handles                   | 474 mm  |
| Warranty                           | 24 months on all parts and<br>manufacturing.<br>For security reasons we<br>recommend to have a<br>maintenance check done<br>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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