

The effective pushing and braking aid

Be more active and increase your radius of mobility

v-max

www.aat-online.de



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There are situations when it is difficult to manoeuvre your manual wheelchair. Allow yourself and your attendant the effective support of an additional electric power on difficult terrain, ramps or tracks.

The pushing and braking aid v-max makes it easier for you to drive on slopes thus increasing your radius of action considerably. Going down-hill the v-max brakes automatically which makes your descent safer.

Thus you gain in mobility and security. The v-max can be mounted to virtually all wheelchairs from a seat width of 36 cm and more. Thanks to its low weight and its compact measurements, you may transport the device without problems. Also the legroom for the attendant fully remains so that you can even drive on divided ramps up to a gradient of 20%.



Let yourself have more freedom —
with the v-max you make your
manual wheelchair mobile

The ergonomically designed grips
make operating the wheelchair par-
ticularly easy.



Intelligent technology — at your service for your mobility

The wheelchair is driven directly at the rear wheels. The advantage of this technique is the permanent and very efficient transmission of power. You can effortlessly overcome slopes up to 20%. The maximum total weight admitted (person, wheelchair plus device) is 200 kg.

An almost limitless mobility is at your disposal due to the v-max. Our powerful battery pack allows for a range of 15 km depending on the weight of the person to be transported as well as the terrain's surface. The speed going forward is continuously adjustable up to 6 km/h, going backward up to 3 km/h.

The v-max is mounted to the lower part of the back rest allowing full leg space for the attendant. It merely weighs 8.2 kg and the battery pack 10.2 kg.



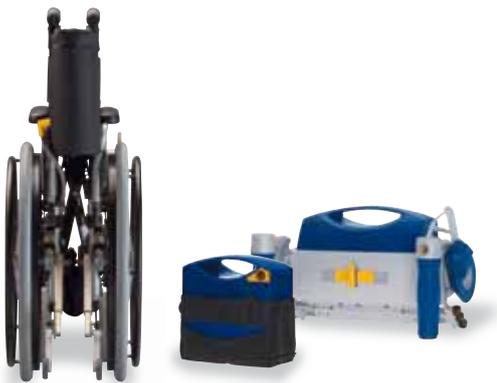
Sturdy toothed wheels grip into the toothed wheel rim transmitting the power to drive or brake the wheelchair wheels directly.



Our most powerful model v-max⁺ is designed for weights up to 300kg (standard version, up to 200kg).



Ergonomic design — in control and always part of things



Quick assembly and disassembly, compact size and low weight make the v-max particularly easy to transport.

It is important to be in control of the wheelchair at all times, but particularly on slopes. For the attendant this is a considerable factor to ensure your safety.

The transportation of the v-max is simple and comfortable. It is easily removed and fits along with your wheelchair into almost any car boot.

Therefore we designed the v-max's ergonomically formed grips which are particularly user-friendly and connected to the grips of the manual wheelchair. Should you not need the v-max at some point and you want to set it down, the grips support the device on the floor.



Complete equipment and appropriate accessories — for all your requirements

The delivery package of the v-max includes: power unit, battery pack, grips, a charger and a pair of wheels with toothed wheel rims.

For your individual wishes the accessories on the right are also available.

Accessories for your v-max



Spokes protection



Brackets



Mega battery pack



Anti-tilt supports



Voltage transformer

Technology intelligently applied — v-max comprises all our experience and expertise

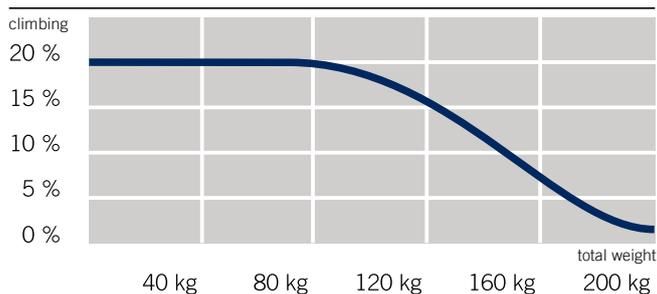
Our aim at AAT is to provide you with more mobility, safety and quality of life by means of intelligent technology. An example of this philosophy is the pushing and braking aid v-max.

Our entire know-how and expertise gained in many years of experience developing power systems for wheelchairs and climbing aids produced this intelligent, reliable and safe system which offers numerous advantages:

- a range of up to 15 km
- permanent and efficient direct power of the rear wheels
- continuously adjustable speed, forward up to 6 km/h, backward up to 3 km/h
- slopes up to 20%
- driving on ramps and tracks
- compact size
- low weight and easy assembly/disassembly
- applicable to almost all manual wheelchairs of a seat width measuring at least 36 cm
- compatible to the s-max — the stair climber for wheelchairs

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weight/climbing diagram



CE v-max coincides with the guidelines of the European Community 2007/47/EG, 2006/42/EG and 93/42/EG.

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



The company AAT Alber Antriebstechnik is a member of the QVH and has been awarded the quality stamp according to the inspection of quality standards for medical vehicles.

AAT is certified according to DIN EN ISO 9001:2008 and EN ISO 13485:2003 + AC:2007.

Technical data

	v-max	v-max ⁺
total weight approved	200 kg ⁽¹⁾ (Person, wheelchair, v-max)	300 kg ⁽¹⁾ (Person, wheelchair, v-max ⁺)
attachment possible from a	seat width of 36 cm and more	seat width of 60 cm and more
speed	continually adjustable	continually adjustable
forward backward	6 km/h 3 km/h	5,5 km/h 3 km/h
range	up to 15 km ⁽²⁾	up to 11,5 km ⁽²⁾
maximum possible incline	up to 20% ⁽²⁾	up to 12% ⁽²⁾
height width depth	240 475 185 mm	275 630 185 mm
batteries	2 x 12V / 16 Ah	2 x 12V / 22 Ah
dc-motor	24V	24 V
weight of the battery pack	10.2 kg	14.3 kg
weight of the power unit	8.2 kg (without battery pack)	13.5 kg (without battery pack)

1 Please stay within the maximum load stipulated by the wheelchair manufacturer.
2 Range and climbing capacity depend on the weight of the person to be transported, the surface, the terrain, etc.



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