



CR23

THE POWER PACK AMONG
STAIR CLIMBERS



**CRASH
TESTED**

DIN EN
1789:2007+A2:2014



SAFETY AND COMFORT ON EVERY STEP

WHEN STRAIN TURNS INTO RELIEF

Lifting and carrying people up and down stairs on a daily basis is sometimes the greatest physical challenge for rescue and ambulance personnel. It is not uncommon for this heavy work to lead to acute or permanent back disorders.

The tendency towards higher body weights and steadily increasing numbers of missions requires solutions for a sustainable physical relief for the rescue service personnel.

In response to this, AAT has developed the mobile stair climber CR23. It enables safe and ergonomic patient transport, especially on narrow staircases and spiral stairs.

WITH THE CR23

BENEFIT TO THE MAXIMUM



SAFE STORAGE IN THE VEHICLE

Crash tested according to DIN EN 1789:2007+A2:2014 (TÜV Rheinland) in folded and unfolded condition.



AUTOMATIC BRAKE FUNCTION

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



USABLE ON SPIRAL STAIRCASES

The CR23 offers high maneuverability even on spiral or narrow staircases.

THE POWER PACK AMONG
THE STAIR CLIMBERS





ERGONOMIC CONTROL UNIT



EXTENDABLE SUPPORT HANDLE

CLIMBING REDEFINED

Revolutionary technology in single-step or continuous climbing mode.

THE CR23 IN DETAIL

Total weight, approved	272 kg
Max. weight of the person	230 kg
Climbing speed	8 — 21 steps per minute ⁽¹⁾ (continually adjustable)
Range with one charge of the battery (at an average person weight of 75 kg)	approx. 25 levels ⁽¹⁾ (equates 375 steps)
Max. height of step	210 225 mm (extended)
Width	496 mm
Tiefe (aus- eingeklappte Fußstütze)	1257 961 mm
Height, min. max.	1287 1631 mm
Batterys	2 x 12 V / 5 Ah
Direct current motor	24 V / 275 W
Weight, climbing unit	35.7 kg
Weight, Handle- and seat unit	2.3 kg
Weight, battery pack	4.3 kg
Total weight (incl. battery pack)	42.3 kg

(1) When ComfortStep is activated, the climbing speed and range are reduced. The climbing speed and range also depend on the weight of the occupant, among other factors.

Technical modifications serve progress and are subject to change.



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This brochure can also be displayed in big letters for easier readability. It is available for free download at www.aat-online.de. In addition, you will find product-specific user manuals with more technical data and further information on our homepage.



AAT online



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The add-on kits of AAT coincide with the guidelines of the European Union 2006/42/EG, 2007/47/EG and 93/42/EG.

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

AAT is certified according to DIN EN ISO 9001:2015 and DIN EN ISO 13485:2016.



Engineered in germany

