



scalamobil®



Down the stairs. Up the safety.

scalamobil – the mobile aid for simple and safe stair-climbing.



www.alber.de



scala, you're in charge.

If everyday mobility is becoming a problem due to illness or an accident, stairs can often be an insurmountable obstacle. As a result, entire floors in houses may be completely abandoned, or the affected person may have to consider leaving their own home. In addition, partners and relatives may struggle to cope with the situation. Fixed mobility solutions require complicated and expensive renovation solutions and are not always suitable for every type of stairs.

Thanks to scalamobil, restrictions caused by stairs are a thing of the past. No structural changes are required to use these versatile climbing aids, which are compatible with all types of stairs.

Affected persons and their relatives alike will benefit equally from this newfound freedom and, as a result, can once again go about their daily business with independence and flexibility.

scalamobil is the right choice for you if:

- ✓ you need to get up the stairs in your own home.
- ✓ you want wheelchair users and operators to be safe.
- ✓ you're in the market for a mobility solution that does not require any structural measures.
- ✓ you want a stair-climbing aid that you can use without having to leave your own wheelchair.
- ✓ you're looking for a stair-climbing aid but do not use a wheelchair in your everyday life.
- ✓ user-friendliness is a priority for you.
- ✓ you want to make life easier for partners and relatives.





Home in t

SAFETY

reliable & smart

User-friendliness and safe operation are key features of the scala models. With its tried-and-tested yet simple technology, which instils trust and confidence, operation is a piece of cake. You will quickly get up to speed with using the mobility aids confidently – resulting in an immediate relief in everyday life.

Thanks to the automatic angle bracket monitoring and many other smart features, safety is assured no matter the type of stairs.

- ✓ **Stability:** Solid footrests and armrests
- ✓ **Control:** Intuitive control unit
- ✓ **Lots of features:** Various smart driving modes, an immobiliser and an emergency stop switch



he prime of life.

MOBILITY

versatile & flexible

The mobile stair-climbing aid is suitable for all types of stairs and can be customised to the individual requirements of patients and operators. A true enrichment to your everyday life awaits. scalacombi can be dismantled into two parts with just one hand movement and attaches easily to almost any type of wheelchair.

scalacombi comes equipped with an obstacle mode as well as folding armrests and footrests – allowing you to tackle any challenge in the home environment.

- ✓ **Installation:** Ready for use on many types of stairs, without modifications
- ✓ **Flexibility:** scalacombi impresses with its foldability; scalamobil is very easy to dismantle

COMFORT

comfortable & chic

During the development phase of the new scala models, one thing was given top priority: ease of use for the occupants. The wide and stable seat is upholstered with a soft material while also offering the best possible support.

Meanwhile, the dynamic soft step enables smooth stair-climbing with even, consistent movement. From an aesthetic perspective, scalamobil and scalacombi also blend seamlessly into the home. Their minimalist and clear design produces a high-quality overall appearance.

- ✓ **Comfortable:** Glides over stairs thanks to soft-step electronics
- ✓ **Quality:** Manufactured to a high quality – Made in Germany
- ✓ **Appearance:** Attractive design

Easily stowed –
easy to dismantle
for transportation
purposes.





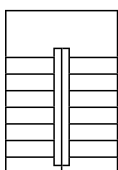
STAIRS

Takes stairs seriously. And life easy.

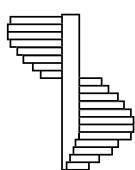
Unlike stairlifts, Alber's mobile stair-climbing devices do not require you to make any structural changes to your home. This saves you time, gives you peace of mind and offers you a quick and flexible solution. These devices can be used irrespective of the staircase design and are compatible with almost all types of stairs, even on especially

narrow, steep or spiral staircases. Thanks to their compact design, and the fact that they can be folded and dismantled with ease, these stair-climbing aids are ideal for travelling.

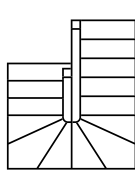
As a result, stairs can be climbed without difficulty, even outside your home.



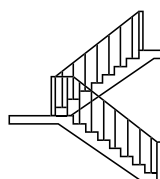
**Stair height
up to 20 cm**



**Spiral
staircases**



**Narrow,
curved stair-
cases**



**External stair-
cases with
banisters**

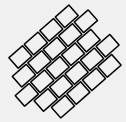
**Irrespective of
the type of stairs –
no renovation
necessary.**

A happy face on every surface.

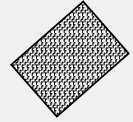
Stairs differ not only in terms of their structure: depending on the purpose and location, they can come in a wide variety of materials and designs.

scalamobil can handle almost any situation, whether it be steps and landings made of wood, stone or metal, or if these surfaces are covered by carpet. The tyres, made of an abrasion-resistant material, offer sufficient grip and stability on all conventional surfaces, giving plenty of confidence to operators during use. The scala models are consistently gentle on stair coverings in the long term, even after intensive use.

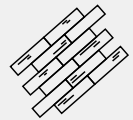
Stone & tiles



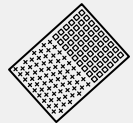
Rugs & carpets



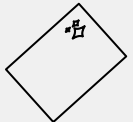
Wood & laminate



Grille & metal surfaces



Glas & plastics



i All dry surfaces can be navigated in manual mode without any trouble.



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The scalamobil is simply fantastic! My wife and I can now get up the stairs with ease and no longer have to rely on external assistance. Thank you for this innovative design which has made our life easier!

Max M. from München

The scalamobil has changed our life for the better. My husband, who struggles with stairs because of his back problems, can now climb them without any trouble. We are grateful for this excellent technology, which has given him back his mobility and independence!

Hanna K. from Stuttgart

“







For reliability. For sure.

scalamobil is the ideal device for those having to navigate stairs in their own wheel-chair. scalacombi is the perfect solution for people who only need a mobility aid for climbing stairs and for use in narrow stairwells. The climbing technology is identical in both models: Two electrically driven wheel pairs continuously climb the stairs, one step after the other. The safety of users and operators has been a key priority since the initial patent application back in 1986.

MODEL VERSIONS

scalamobil®**Docking to the wheelchair**

scalamobil can be connected to almost any type of wheelchair and can be assembled quickly without any tools. This allows wheelchair users to simply remain seated in their wheelchairs and still easily overcome any barriers in their own home or when out and about.

- i** scalamobil can also be combined with nursing wheelchairs or particularly narrow wheelchairs.

**scalacombi®****With integrated seat**

scalacombi is the perfect mobility solution for people who need assistance when climbing stairs, but are not reliant on a wheelchair in their everyday life. The stair-climbing device features a comfortable, integrated seat and can be folded up and stowed away to save space.

**Also included in the scope of delivery:****Battery pack**

The powerful battery can manage up to 300 steps

**Automatic charger**

Smart automatic charging and switch-off

**Handlebar with display**

Flexibly adjustable handlebar and ergonomic operation

DISPLAY

Well in hand.

Smart operating concept for safety and comfort.



The angle holding assistant shows whether scalamobil is in the right position.

Emergency shut-off / stop

Up / down



Obstacle Mode:

The function for overcoming obstacles also makes tackling barriers on your way to the stairs much easier.



Locking:

The immobiliser safeguards the stair-climbing device against unauthorised use.



On/off:

Main switch for switching on and off.

AUTO

In automatic mode, the climbing direction is detected by sensors and initiated automatically.

ASSIST

Climbing is assisted when the device is in the correct position and the drive switch confirms the sensor signals.

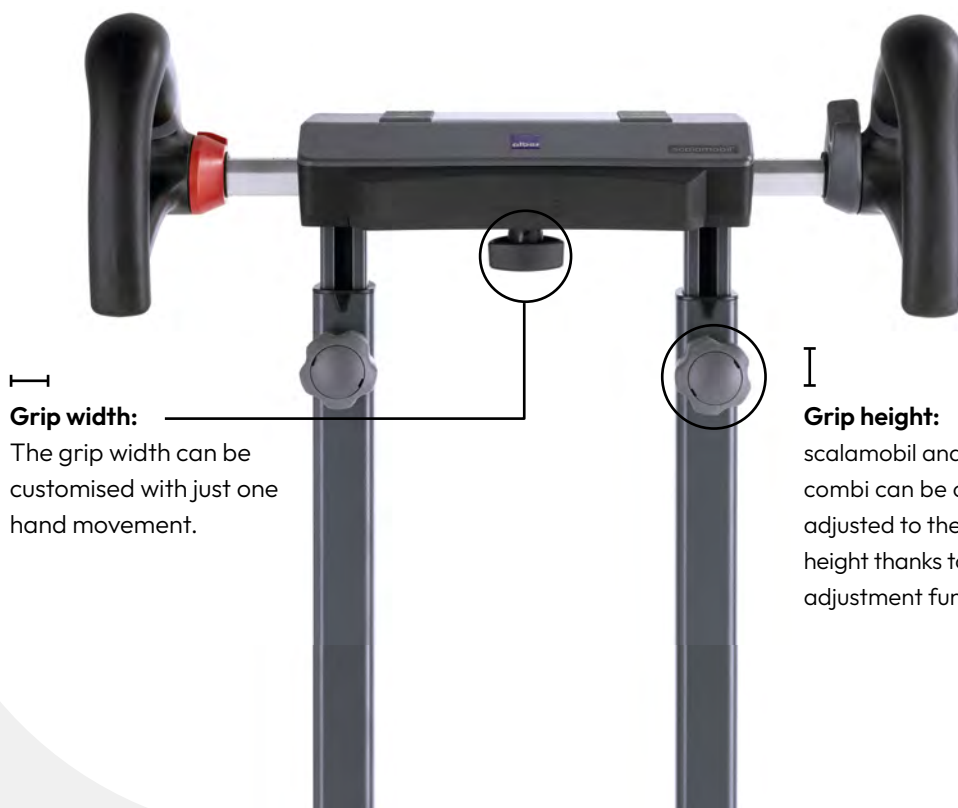
MANUAL

In manual mode, stair-climbing is possible in any situation, as sensor functions are disabled.



Clear display showing battery information and climbing direction.

WIDTH & HEIGHT



Grip width:

The grip width can be customised with just one hand movement.

Grip height:

scalamobil and scala-combi can be optimally adjusted to the user's height thanks to the height adjustment function.

SENSORS

For safety. For sure.

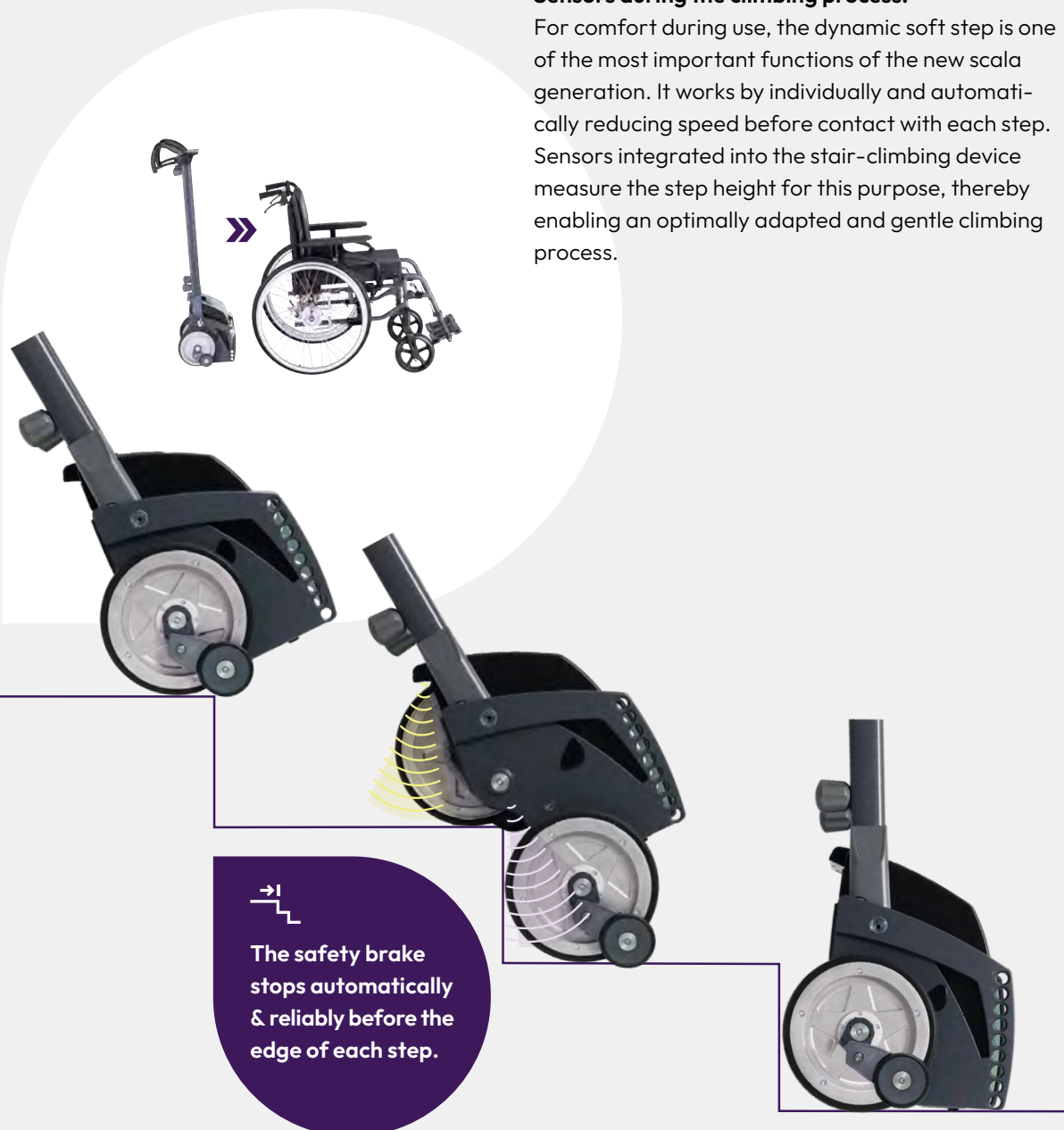
Safety is a top priority when it comes to using and operating scala devices. A host of ingenious functions ensure reliable ascents and descents. With the integrated sensors, all the information you need is collected and processed.

Docking:

When using the scalamobil model, you must remove the wheels of the wheelchair during the climbing process.

Sensors during the climbing process:

For comfort during use, the dynamic soft step is one of the most important functions of the new scala generation. It works by individually and automatically reducing speed before contact with each step. Sensors integrated into the stair-climbing device measure the step height for this purpose, thereby enabling an optimally adapted and gentle climbing process.





Technical data

	scalamobil S45	scalacombi S46
Weight		
Overall	57.3 lbs	81.6 lbs
Max. weight of the person	308.6 lbs	308.6 lbs
Overall max. weight permitted	396.8 lbs (scalamobil, wheelchair and wheelchair user)	
Range	Up to 300 steps (approx. 20 floors)*	
Speed	Approx. 12 steps/minute incl. soft step*	
Battery	2x12 V; 3.4 Ah lead gel, leak-proof and maintenance-free.	

*depending on the weight of the wheelchair user and the wheelchair and the geometry of the steps



Accessories

01. Bracket

Bracket for attaching the scalamobil device to the wheelchair. You must specify the wheelchair type and seat width in your order.

02. Headrest

The soft upholstered headrest can be adjusted in terms of height, depth and angle. It provides support and stability for the neck and head.

03. Bracket for transporting wheels

The bracket allows you to transport the wheels of the wheelchair along with the scalamobil device to avoid unnecessary journeys. Compatible with all standard wheelchair models.

04. Anti-tippers

The anti-tippers can be removed using the quick-release fastener and can be adjusted in terms of height and length. The automatic swivelling function allows you to navigate kerbs and landings.

05. Automatic locking

Simple locking of the wheelchair to scalamobil (no quick pins and no more bending over).

06. Quick-release axle

You must first remove the wheels of the wheelchair to climb stairs with the scalamobil device. A quick-release axle system is required, which is available as a conversion kit and contains all the necessary components – including assembly for standard hubs and drum brakes.

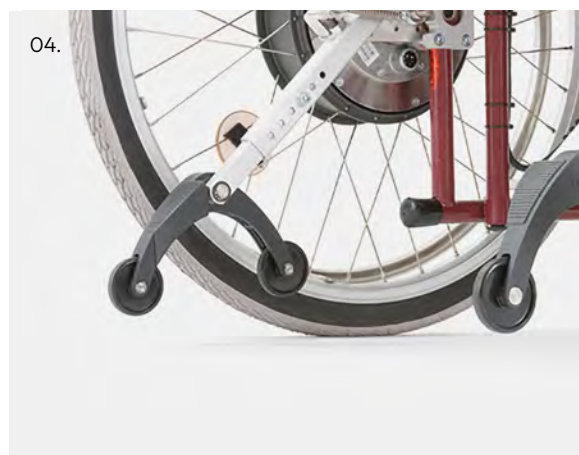
07. Isofix connection (only scalacombi s46)

Allows child seats to be attached with ease.

For an overview of the complete range of accessories, e.g. safety belts, etc. please visit:

www.alber.de/scalamobil/zubehoer

www.alber.de/scalacombi/zubehoer



Information about the standard scope of delivery:
scalamobil and scalacombi are delivered with a handlebar including a display, climbing unit with safety brake and battery pack plus charging device.



Powered by alber.

Simply mobile.

As the market leader in mobility aids for wheel-chairs, Alber GmbH has more than 35 years of experience in the field of electromobility. We are a recognized partner to health insurance companies and work with healthcare suppliers across the world. From the initial consultation through to service: You can rely on us.

0800 1224567 (freephone)

Service times throughout the following days
Mon–Thu from 8:00–17:00, Fri to 16:00.

www.alber.de

Visit our website for more information about our products and answers to all your questions.

The team at Alber GmbH looks forward to meeting you and will be happy to provide you with advice and assistance.

Interested in the via family as well?

Pushing and braking aids for carers.

The via family models are used when a dependent person is no longer able to move around in a wheelchair themselves, or can only move with severe limitations, and their carer requires powerful support to push or steer the wheelchair safely.



viamobil®

**Powerful going up –
safe going down.**

The comfortable pushing and
braking aid for carers.





scalamobil – the mobile aid for simple and safe stair-climbing.

scalamobil and scalacombi carry the CE mark for conformity with the European Medical Devices Regulation (MDR) 2017/745, have been tested on a voluntary basis by TÜV Süd and are certified under product standard EN 7176-28.

Our quality commitment – your safety! Alber is certified under the current quality management standard ISO 13485 for medical devices. Our environmental management system, which is certified under ISO 14001, ensures our products are manufactured in an environmentally responsible manner.



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MADE IN GERMANY ■■■