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FLEXIBILITY AND INDEPENDENCE. RE-DEFINED.

We believe that people with restricted mobility should be able to discover the world every day with greater independence and in new ways. We achieve this by combining existing and new technologies with the latest design. With our innovative vehicle we do not only want to transport people but also to bring about a mind shift in society.
A UNIQUE COMBINATION.

BRO is the first in the world to combine driving on two wheels with climbing stairs. Yet it’s not only the technology that is unique; the power wheelchair is also characterised by its unmistakable design. A device that offers not only individual seating comfort but also intuitive operation, thanks to the use of forward-looking technology. Futuristic, aesthetic, functional. That’s BRO. The new generation of power wheelchairs.
BRO CREW. ONE LARGE FAMILY.

We don’t have customers, we have BRO drivers. Together they make up our BRO crew.

LILLI Z.
Dyskinetic cerebral palsy
«BRO gives me the independence, freedom and mobility to go to university.»

ROBERT M.
Multiple sclerosis
«BRO is not just a wheelchair for me, but an encouragement to dare new things.»

ARMIN J.
Paraplegia
«He makes ambling through the town fun.»
YOUR DAILY LIFE. AN ADVENTURE.

Scewo BRO drives on two wheels – by itself and without the need for your core stability. So you can focus on what is important: your next adventure.

Up to 35 km 10 km/h*

*Depending on legal requirements
IN BALANCE.
BRO elegantly balances out uneven surfaces and inclines. It automatically adjusts the seat so that you can always enjoy your journey in an upright position.

10% max. incline in driving mode

GOING UPHILL. DIFFERENTLY.
If it becomes too steep, simply switch to the installed crawlers and travel up and down as often as you want.

72% max. incline in crawler mode
AN UNCOMPROMISING CHOICE OF ROUTES.

Whether on a meadow, pebbles or a forest path: The two large wheels ensure that you are safe and manoeuvrable on a variety of terrains. They also minimise the risk of getting stuck. BRO overcomes obstacles of up to 5 cm with ease.
STAIR CLIMBING.
OPEN UP YOUR WORLD.

Say farewell to detours. BRO’s crawlers will transport you up and down stairs in comfort and safety. Whether it’s one, two or more steps: the number is irrelevant. While climbing the stairs, the seat automatically balances itself so that you’re always sitting in an upright position.

72% max. incline in crawler mode

20cm max. obstacle height

30 steps per minute

SCEWO on YouTube
You can activate the stair climbing mode at just the push of a button. BRO uses sensors to survey the surroundings. It goes up and down the stairs at your command. Thanks to the optional rear view camera, you can also keep an eye on what’s going on behind you.
YOUR HOME WHEN YOU ARE ON THE GO.

For Scewo it goes without saying that the seat is tailored to your physical build. At just the push of a button, you can infinitely adjust the seat to your current condition and the situation. With a few simple steps you attach the cushion of your choice and change it at will.
AT EYE LEVEL.

Take your favourite jam down from the shelf or enjoy a drink at the bar. With the integrated seat slider you can raise yourself up to the height of your conversational partner.
HIGHLY VERSATILE.

Developed for transfers, the seat slider is also ideal for taking your place at different tables.
BRO is controlled via an app on your smartphone or the steering console. Direction and speed are selected with the hand joystick. You can switch seamlessly back and forth between the various options. BRO’s operation is intuitive, flexible and adaptable to a wide range of needs and requirements.

**STEERING CONSOLE.**

Buttons, a touchpad and a joystick offer you a range of opportunities for selecting the mode. Control the direction and speed using the joystick. You can easily charge your smartphone via the integrated USB-C charging socket.

**SCEWO APP.**

Select the mode in the Scewo app or make fine adjustments e.g. to the lights, speed or seat.
OFF TO YOUR DREAM DESTINATION.

Getting you there is no big deal. The backrest of BRO can be folded so that it can fit in your car. You can easily control it via a ramp in your car boot.

TAKE A SEAT AND STAY SEATED.

Manoeuvre BRO into the car by yourself. Secure it with the crash-tested car hooks and take the pre-programmed passenger position. Enjoy your passenger ride to the fullest.
EYE-CATCHER.

Nowhere else is design so important. With its clear design language, BRO transforms functionality into sporting elegance.
SEE AND BE SEEN.

LED headlights show you the way in the dark, while the rear lights and indicators enable you to communicate safely and easily with other road users. Ambience lights create an unmistakable look by day and night.

*The lights may differ from the illustrations depending on legal requirements.
YOUR BRO, THE WAY YOU LIKE IT.

Adapt your BRO to your style and wishes. Each colour gives your BRO elegance and an individual presence.

Sahara Gold
Polar White
Urban Grey
ADD-ONS.

It is important for us that you can design BRO to meet your personal needs. That is why we have an ever growing spectrum of accessories and options available.

HEAD SUPPORT.

The height, depth and angle of the head support can be adjusted to give you additional stability for your head and neck.

THIGH SUPPORT.

Elegantly minimise the legroom on the sides.
CAR RAMP.
A lightweight that can be folded to fit your car perfectly.

SWIVELLING STEERING CONSOLE.
Simply swivel the steering console to the side when transferring or taking your place at the table.
TECHNICAL SPECIFICATIONS.

GENERAL.

Wheelchair class B
Wheelchair weight 162 kg (incl. battery)
User weight 40 – 120 kg*

DRIVING MODE.

Total length 1050 mm
Total width 688 mm
Maximum speed 6/10 km/h**
Turning Rotation
Max. incline 6°/10.5 %
Max. obstacle height 50 mm
Range*** 35 km (default 25 km)

* Individual adjustments are possible for more lightweight users. Please contact a Scewo partner near you for this purpose.

** Depending on legal requirements.

*** The range can be influenced by the temperature and inclines travelled.
**STAIR MODE.**

- **Incline**: 20° – 36° / 36.4% – 72.6%
- **Speed**: 30 steps/min
- **Max. obstacle height**: 200 mm
- **Spiral staircases**: Not possible
- **Min. landing size**: 1150 x 1150 mm
- **Min. stair width**: 760 mm

**CRAWLER MODE.**

- **Total length**: 1135 mm
- **Tilt of seat platform**: dynamic
- **Incline**: 36° / 72.6%
- **Surface**: Only firm ground

**BATTERY.**

- **Type**: Lithium-ion
- **Capacity**: 30 Ah (default 20 Ah)
- **Weight**: 6.5 kg
- **Voltage**: 48V
- **charging time**: 6 hours (30Ah)
- **Charger**: 54.6V DC
- **Charging current**: 5A
- **Charging cycles**: 1000+
- **Type of charging**: Magnetic plug
- **Approved for aircraft**: Yes, UN 38.8
- **Operating temperature**: 2 – 43°
SEAT.

Max. seat cushion width 460 mm
Seat depth 385 – 465 mm
Seat angle -5° – 19° (electric)
(-20° – 32° with future software update)
Seat height adjustment 440 – 890 mm (electric)

Backrest Foldable and removable
Weight of backrest 11 kg
Height of backrest 630 mm
(from seat platform under seat cushion)
Angle of backrest 15° – 56° (electric)
Back cushion
Compatible with the Scowo back cushion “Backbone Basic” and various third-party models via the side mounting rails.

Length of armrest 365 mm
Length adjustment of joystick 405 – 505 mm (from middle of back cushion)
Height of armrest 190 – 310 mm
(from seat platform under seat cushion)
Distance between armrests 420 – 500 mm (in 20 mm intervals)*

Length of leg support 320 – 420 mm
Leg support adjustment 16° – 66° (electric)
Base plate Adjustable angle & can be individually folded

* Up to 340 mm possible in custom design.
**OPERATION.**

Operation Steering console with joystick and smartphone holder (left and right mountable)  
App Scewo BRO (iOS & Android)  
Software The software will continue to be developed while you are on the go with your BRO. Regular updates will make the range of functions of BRO and the Scewo app bigger and better.

**ADD-ONS.**

Backpack Included (cannot be removed)  
Bag for valuables under the seat at the front (cannot be removed)  
Charging port 1x USB-C / 1x USB-A  
Rear view camera Optional

**TRANSPORT.**

Transport dimensions  
1195 x 688 x 735 mm  
(Crawler mode with backrest folded down)

BRO complies with the requirements of ISO 7176-19:2008 and must be secured in the direction of travel when used as a passenger seat.

Six heavy-duty belts, tested according to ISO 10542 or DIN 75078 with a test force of at least 160 kg (heavy-duty class), must be used for fastening. Passengers are required to use the passenger restraint system (seat belt) of the certified vehicle at all times. BRO has designated wheelchair attachment points that have been tested and are to be used for this purpose. In the test procedure, the belt guide was awarded the highest rating of “Good”. The test was conducted with a dummy weighing 78 kg.

Access to and manoeuvring in vehicles can be affected by wheelchair size and turning radius. Smaller wheelchairs and/or wheelchairs with a smaller turning radius generally provide easier access to the vehicle and better manoeuvrability when facing in the direction of travel.
Some of the wheelchairs shown and described in this BROchure are equipped with special features that can be purchased for an extra charge. The information on the scope of delivery and the appearance, performance, size and weight of the wheelchair reflect the information available at the time of printing. Variations in the colour and shape of the images, errors and misprints are reserved. Subject to amendments. Consult the owner’s manual on how to safely operate your BRO under various driving conditions.

Book a non-binding test ride.
www.scewo.com