



**E-MOTION®**

POWER ASSIST FOR WHEELCHAIRS

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ALSO  
AVAILABLE AS

**duo drive**

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**POWER AT  
YOUR  
HANDS.**



POWERFUL. LIGHT.  
WELL THOUGHT OUT.

## EASIER TO MOVE

The concept of the e-motion is ingeniously simple: You can combine the e-motion drive wheels with almost any wheelchair using two discrete adapters. While moving, sensors built into the push rims measure your drive movement and provide you with the desired motor power. This allows you to move, steer and brake your wheelchair with very little effort. With a weight of only 7.8 kg per drive wheel, the e-motion is one of the lightest active add-on drives available.

MADE IN GERMANY ■ ■ ■

The e-motion fits almost any standard wheelchair: simply exchange the wheels



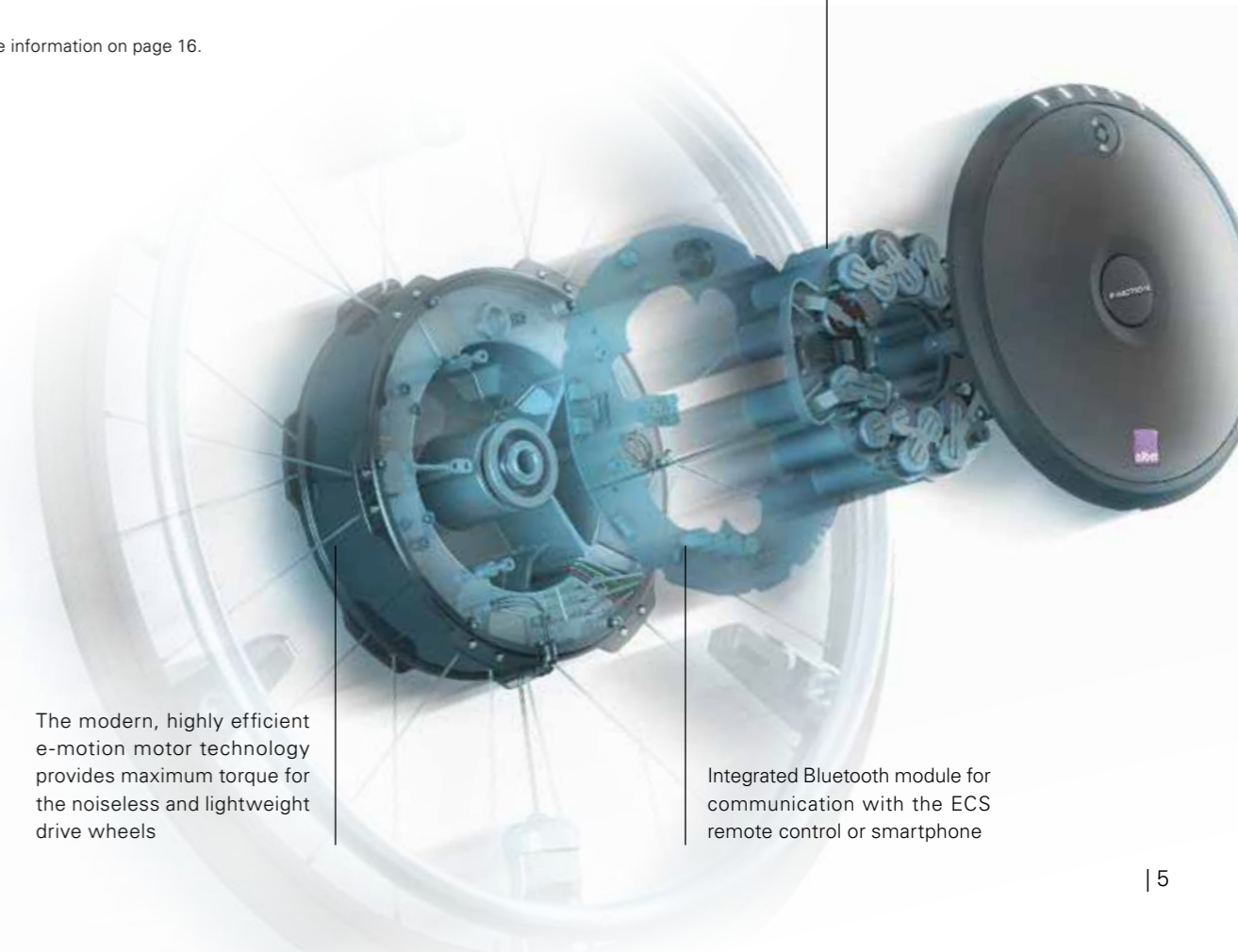


LIVE YOUR DAY

## BE INDEPENDENT AND STAY MOBILE

The e-motion gives you the extra thrust you need to master each day, but also the extraordinary things in life on your own and without help. With a support speed of up to 8.5 km/h\*, you will move along really well. Thanks to the built-in lithium-ion batteries, the e-motion has a range of up to 25 km. So you do not have to worry about recharging in between and can enjoy your independence to the full.

\*6 km/h in the standard version. 8.5 km/h with Mobility Plus Package. More information on page 16.



Lithium-ion batteries for maximum range and long service life

The modern, highly efficient e-motion motor technology provides maximum torque for the noiseless and lightweight drive wheels

Integrated Bluetooth module for communication with the ECS remote control or smartphone



**STAY FIT AND ACTIVE**

## CONQUER FREE SPACES

No matter whether longer distances, slopes or a few kilos more in your luggage: the e-motion supports you in every situation, even when braking downhill. This is ensured by its highly efficient and pleasantly noiseless electric motors. With e-motion you expand your radius of action, keep moving and train your vital functions. At the same time you permanently protect your muscles and joints from overwork. This way you will always reach your goal relaxed and still be active!



# RELAXED THROUGH THE DAY



## THE IDEAL COMPANION FOR EVERYDAY LIFE

Whether at work, shopping or in leisure time: the e-motion is extremely manoeuvrable and is as easy to move as a manual wheelchair in any situation. The e-motion wheels can be removed from the wheelchair in a single movement and loaded into any boot. The manual wheels can usually still be used with the same wheelchair. The e-motion is always with you when you're travelling, and you can even take it on board a plane.



The lightweight e-motion drive wheels can be easily removed from the wheelchair in no time at all and they fit in just about every car boot.



Quick and easy: The e-motion wheels can be attached and removed in no time at all using the quick-release mechanism.



Everything under control: On/Off switch with magnetic EasyConnex charging socket. The plug of the e-motion battery charger automatically finds its position.



Light and discreet: the pre-assembled bracket on the wheelchair for docking the e-motion wheels

# COMFORTABLE OPERATION

## EVERYTHING UNDER CONTROL THANKS TO ERGONOMIC- CONTROL-SYSTEM (ECS)

With the optionally available ECS remote control, you can switch the e-motion on and off comfortably from your seat and switch between two different assistance levels for indoor and outdoor use. A special learning mode is also available for inexperienced drivers, which gently introduces you to the handling of the e-motion thanks to a particularly smooth setting. If required, you can also use the ECS remote control to activate the patented roll-back delay of the e-motion. It automatically holds you on the spot for 5 seconds as soon as you let go of the push rim when driving uphill. This leaves you with enough time to reposition your hands without the wheelchair rolling backwards.

ECS remote control: operate  
both e-motion wheels comfortably  
from the sitting position



# PERFECTLY TAILORED FOR ME

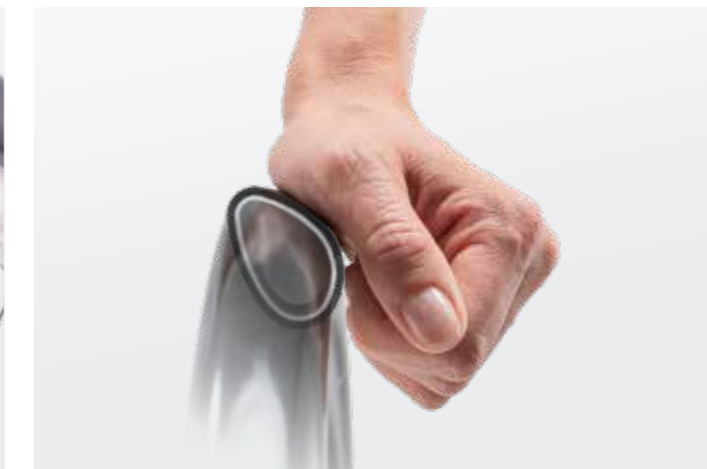


## INDIVIDUALLY ADAPTABLE

The e-motion is flexible: it is compatible with a wide variety of wheelchair models and can be adapted to your individual needs. The sensitivity of the push rim sensor can be adjusted independently on both drive wheels. So more or less strength in one arm is not a problem. Your specialist dealer or therapist also has the option to carry out further adjustments to your e-motion so that it is optimally adapted to your needs and driving style. The e-motion is available in three wheel sizes and can be equipped with ergonomic push rims on request. This ensures optimum grip in every driving situation.



Sensitivity of the push rim sensors adjustable in seven steps



Coated Quadro push rim: control and power transmission also with limited hand function



## E-MOTION DUODRIVE: PERMANENT DRIVING FUNCTION

With the **e-motion DuoDrive**, you have the option of covering longer distances without pushing on the push rim in Cruise Mode. You only have to steer and the drive wheels do the rest. This means that you have two types of drive that you can switch between at any time, depending on your needs. And it's easy to do with the wireless DuoDrive control unit\*.

**Cruise Mode** is particularly beneficial when you run out of power and get tired on the road or you have to manage slopes: The e-motion DuoDrive can handle almost any slope and you can reach your target relaxed in Cruise Mode. Furthermore the e-motion DuoDrive is equipped with a brake assistant that maintains the speed on downward slopes.

\*The e-motion DuoDrive is an independent version. The DuoDrive control unit can only be delivered together with an order of a new e-motion DuoDrive system. Retrofitting to existing e-motion wheels is not possible.

# ALWAYS UNDER CONTROL

Pushing and turning – Cruising is like child's play and you can switch anytime between two driving modes.

Turning: Increase or decrease cruise speed



Battery display of the drive wheels

**1 x press:** Cruise Mode is started or stopped

**2x press when stationary:** Change of assistance level for manual operation

Built-in lithium battery: lasts up to 12 hours

The control unit can be easily docked or removed from the wheelchair in one easy step



With the cruise mode, you also have one hand free. Ideal when shopping or travelling.



One turn on the control unit is all it takes to switch to Cruise Mode while driving.





## THE E-MOTION **MOBILITY APP:** SMART HELPER WHEN ON THE ROAD

Smartphones have become an integral part of our everyday lives. It goes without saying that e-motion also makes full use of the benefits of this technology. The free e-motion Mobility App offers four preset driving profiles. Moreover you can see the current speed, travelled distance and the battery status of your e-motion.

Free Download



## **MOBILITY PLUS PACKAGE:** CLEVER ADDITIONAL FUNCTIONS ON THE GO

Have both hands free while moving or an extra dose of speed if you want to go faster! With the Mobility Plus Package you can activate a variety of clever additional functions in the Mobility App. This gives you even more from your e-motion!



### DOWNLOAD THE COMPLETE MOBILITY PLUS PACKAGE TO YOUR SMARTPHONE!

**299,99 €** incl. VAT.\*

You save 49,95 € compared to the purchase of the individual functions.

Available from the Play  
Store or App Store.



**SPEED**

- Increase the maximum support speed of your e-motion from 6 km/h to 8.5 km/h

**Price 99,99 €** incl. VAT



**REMOTE**

- Remote control of the unoccupied wheelchair via your smartphone, e.g. for "parking"
- Control either via integrated tilt sensor of the smartphone or virtual joystick in the app

**Price 39,99 €** incl. VAT



**CRUISE**

- Activated with a drive movement above 2 km/h and maintains this speed without further pushes (also works on uphill and downhill slopes)
- The speed can be increased at any time by additional pushes on the push rim or in the app

**Price 99,99 €** incl. VAT



**ECS**

- Use the ECS remote control functions on your smartphone
- Changing assistance levels
- Activating the rollback delay

**Price 99,99 €** incl. VAT



**PUSH-COUNTER**

- Counts your moves on the e-motion push rims during a tour
- This way you can evaluate your driving behaviour and optimise your driving style

**Price 9,99 €** incl. VAT

\* Prices may differ from country to country. Prices subject to change.

# OFF TO NEW HEROIC DEEDS



## TECHNICAL DATA

Weight per wheel	7.8 kg
Support speed	Max. 6 km/h (with Mobility Plus Package max. 8.5 km/h)
Range	Up to 25 km, 15 km in Cruise Mode
Power/Torque	80 Watt / 40 Nm per wheel
Maximum user weight	150 kg
Maximum total weight	190 kg
Maximum climbing capability	Depending on the wheelchair used. In Cruise Mode up to 10%
Available wheel sizes	22", 24", 25"
Accessories available*	Mobility Plus Package, ECS remote control, Schwalbe Marathon Plus tyres, puncture-proof tyres 1" solid PU or 1 3/8" with casing and PU insert, push rims with coating, ergonomic push rims Curve L and Quadro, spoke cover with and without decoration

\*Further accessories at [www.alber.de](http://www.alber.de)

### YOU CAN RELY ON E-MOTION

e-motion is a product from the company Alber, the specialist for particularly portable and user-friendly mobility aids. Independent institutions have tested and rated the e-motion for durability, quality and reliability. First and foremost for us are safety tests – for example by the TÜV: At Alber, you will always receive tested product safety according to the latest guidelines for medical products.

e-motion and e-motion DuoDrive are approved medical devices. Your medical supplies dealer will happily answer any questions regarding reimbursement. e-motion and e-motion DuoDrive are CE-compliant according to the European Medical Devices Directive (MDR) 2017/745 and tested and certified on a voluntary basis by the TÜV Süd, in line with the currently valid edition of the product standard EN 12184.

Our claim to quality is your guarantee of safety! Our company is certified to the latest quality management standard (including the respective latest amendments) set out in ISO 13485 for medical devices. With our environmental management system, certified to ISO 14001, we ensure the environmentally compatible manufacture of our products.



Ergonomic stub axle: Facilitates unlocking and removing the e-motion wheels from the wheelchair



Curve-L push rim: ergonomic hand position and optimised power transmission for people with good hand function (accessory)



Automatic battery charger: Automatically adapts to the mains voltage and charges both e-motion batteries in a few hours (included in the scope of delivery)

„**ENJOY LIFE TO  
THE FULL WITH  
E-MOTION.  
JUST TRY IT!**“

E-MOTION PRODUCT VIDEO

Watch it online now:



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