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# **E-MOTION<sup>®</sup>**

## **duo drive**



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# E-MOTION DUODRIVE – RELAXED THROUGH THE DAY

## EASIER TO MOVE



The concept of the e-motion DuoDrive is ingeniously simple: You can combine the DuoDrive **drive wheels** with almost any standard wheelchair using two adapters. While moving, sensors built into the push rims measure your drive movement and provide you with the desired motor power. So this allows you to move, steer and brake your wheelchair with very little effort.

In doing so, you protect your muscles and joints and always reach your target safely and relaxed. The e-motion DuoDrive has two **assistance levels** for indoor and outdoor use and the driving behavior can be individually adjusted.

With a weight of **only 7.8 kg** per drive wheel, the e-motion DuoDrive is one of the lightest active add-on drives available.

The e-motion DuoDrive fits any standard wheelchair: simply exchange the wheels. The manual wheelchair wheels can still be used if necessary.

Highly efficient electric motors and lithium-ion batteries integrated into the wheel hubs provide sufficient power and range



# TWO DIFFERENT DRIVING MODES – IT'S YOUR CHOICE

## EVERYTHING UNDER CONTROL

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 via the push rims, the drive unit does 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.

The e-motion DuoDrive always brings you home safely.

... you have to manage **slopes**. The e-motion DuoDrive can handle almost any slope and you can reach your target relaxed in Cruise Mode.

... you are unsure on **downward slopes** and would like to have a brake assistant that maintains a preset speed.

## PUSHING AND TURNING – CRUISING IS LIKE CHILD'S PLAY

**Turning:** Increase or decrease cruise speed

Battery display of the drive wheels



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

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

 Bluetooth™

Built-in lithium battery: lasts up to 12 hours



One click on the control unit is all it takes to switch to Cruise mode while driving.



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

## TECHNICAL DATA E-MOTION DUODRIVE

Weight per wheel	7.8 kg
Weight of control unit	0.25 kg
Support speed	Max. 6 km/h
Range	Up to 25 km, in cruise mode up to 15 km
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 5.7° (10 %)
Available wheel sizes	22", 24", 25"
Accessories available*	Mobility Plus Package, ECS remote control, Schwalbe Marathon Plus tires, puncture-proof tires 1" PU solid or 1 3/8" with tire cover and PU insert, push rims with coating, ergonomic push rims Curve L and Quadro, spoke covers with and without decoration
*Further accessories at <a href="http://www.alber.de">www.alber.de</a>	





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