



# **E-MOTION™**

## **duo drive**

POWER ASSIST FOR WHEELCHAIRS



**POWER  
AT YOUR  
HANDS.**

**NEW**

# E-MOTION DuoDrive – CRUISE THROUGH THE DAY

## EASY 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 helps you to move, steer and brake your wheelchair with very little effort.

In doing so, it helps reduce the strain on your muscles and joints. The e-motion DuoDrive has two **assist levels** for indoor and outdoor use and the driving behavior can be individually adjusted.

With a weight of **only 17 lbs** per drive wheel,

The e-motion DuoDrive fits most standard wheelchairs.  
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 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 MADE SIMPLE

**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 traveling.

## TECHNICAL DATA E-Motion DuoDrive

Weight per wheel	17 lbs
Weight of control unit	0.5 lbs
Support speed	Max. 3.75 mph
Range	Up to 15 miles, in Cruise Mode up to 9 miles
Power/Torque	80 Watt /40 Nm per wheel
Maximum user weight	330 lbs
Maximum total weight	420 lbs
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-usa.com">www.alber-usa.com</a>	

\*Please refer to the Alber and wheelchair user manual for additional safety information and instructions.



**CONTACT YOUR INVACARE SALES REPRESENTATIVE  
TO LEARN MORE OR SCHEDULE A DEMO**

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