

# SmartDrive with PushTracker E2

Seamless power  
assist experience



permobil

Ergonomic design quickly attaches to  
a wide variety of manual wheelchairs

12.5 lbs — Lightest rear  
power assist in the world

OmniWheel design allows  
SmartDrive to start from any  
position maintaining optimal  
traction and maneuverability





## On-Demand Power Assist

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Pushing a manual wheelchair can put stress on shoulders and lead to serious issues in the future. SmartDrive offers a range of controls and activity-tracking technology to deliver a seamless power assist experience that may reduce repetitive stress.

Paired with the PushTracker E2 and SwitchControl, SmartDrive offers added flexibility, convenience and control options to empower your active lifestyle.

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There were so many times  
I said no to something  
because I didn't feel like I  
could. With the SmartDrive  
I can go all around the  
farmers market, go  
shopping, meet a friend  
for coffee, walk the dog  
and still do a ton of other  
things when I get home.

— Julie M.  
*Permobil User*

## Choose to do more

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SmartDrive empowers your active lifestyle. It supplements the energy that you would normally have to use. With one button, tap or gesture get the extra boost when and where you need it.



A high-angle, top-down photograph of a person with short brown hair, wearing a light blue button-down shirt, seated in a black wheelchair. The person's right arm is extended towards a small, illuminated touch screen device mounted on the wheelchair's frame. The device has a blue light emanating from it. The wheelchair is on a light-colored, textured floor. The overall lighting is cool and blue-toned.

Touch screen technology  
makes the PushTracker more  
accessible than ever

Quickly change all  
performance settings



8x more reliable  
Bluetooth® connection

# PushTracker E2

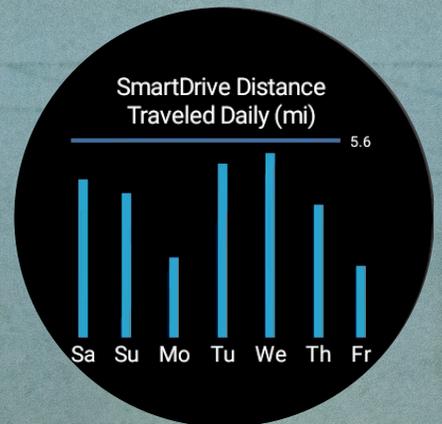
Developed with connectivity in mind, the PushTracker E2 has been rigorously tested and proven to be consistently reliable and extremely durable. The PushTracker E2 makes using your SmartDrive easier than ever. With gesture-activated controls and activity-tracking technology you can start your SmartDrive with a simple tap of your hand—no pushing or reaching necessary.



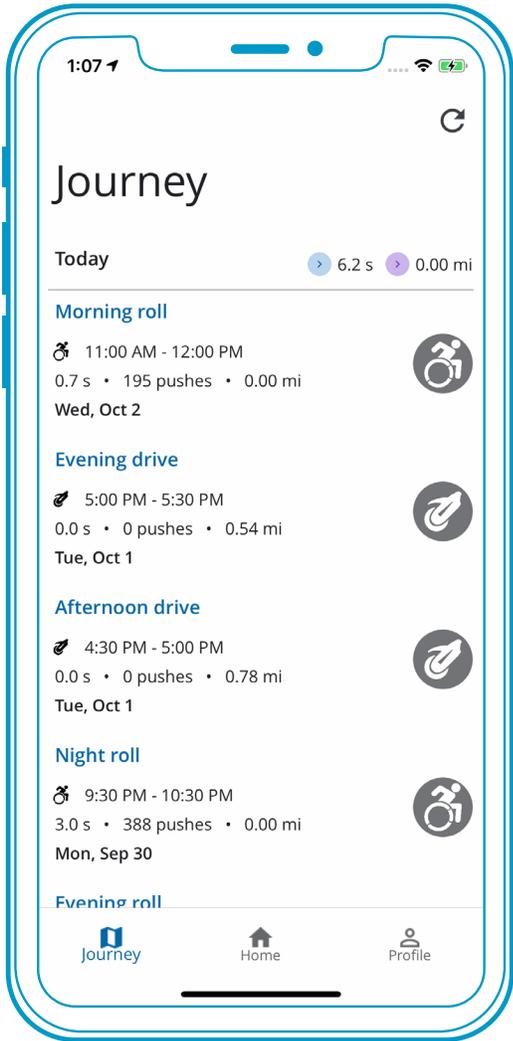
Turn power assist on and off



Easily change speed settings



Review system usage



# PushTracker App

SmartDrive advances daily mobility for the manual wheelchair user. The PushTracker app produces and delivers activity statistics designed to promote optimal mobility health for the manual wheelchair user. Track distance, pushes and coast time in order to increase coast time and decrease pushes.





SmartDrive

## SwitchControl

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SwitchControl gives users another programmable option for controlling their SmartDrive. With the push of a button SmartDrive can be engaged for a momentary burst of power or activated in latched mode for consistent power over extended distances. This empowers a more diverse group of people to experience SmartDrive with increased confidence and when paired with the PushTracker E2 offers added flexibility, convenience and control options.



**PushTracker E2**

Touchscreen control of your SmartDrive and settings

**SwitchControl**

Wired buttons with additional control options for your SmartDrive

**SmartDrive MX2 +**

Powers you up hills and ramps, over thick carpet, and long distances.

# Power your push, your way

SmartDrive gives manual wheelchair users more control over their manual wheelchair experience than ever before. Discover how our variety of hardware and software solutions better can be combined to better support your individualized mobility goals.

|                              | Discovery   | Stamina   | Performance  | Expert  |
|------------------------------|---|---|--|---|
| Products available           |  |  |  |  |
| Best for                     | New & active users  | Caregiver, pediatric & geriatric users  | Active users without need of wearable technology                                   | Tech savvy & super active users   |
| Smart phone app              | <input type="radio"/>   | *initial setup only   | <input type="radio"/>  | <input type="radio"/>   |
| Activity training            | <input type="radio"/>   |   | <input type="radio"/>  | <input type="radio"/>   |
| On-demand power assist       |   | <input type="radio"/>   | <input type="radio"/>  | <input type="radio"/>   |
| Energy/shoulder preservation |   | <input type="radio"/>   | <input type="radio"/>  | <input type="radio"/>   |
| Easy on/off buttons          |   | <input type="radio"/>   | <input type="radio"/>  | <input type="radio"/>   |
| Hand gesture activation      |   |   | <input type="radio"/>  | <input type="radio"/>   |
| Smart device integration     |   |   |  | <input type="radio"/>   |

 PushTracker  PushTracker E2  PushTracker App  SmartDrive  SwitchControl



## SmartDrive Specifications

|                                 |   |
|---------------------------------|---|
| <b>Dimensions</b>               | Length: 15.3" (389 mm)<br>Width: 5.7" (141 mm)<br>Height: 9.5" (242 mm) |
| <b>Product weight</b>           | 12.5 lbs (5.7 kg) Drive Unit  |
| <b>User weight</b>              | 30 to 331 lbs (14 to 150 kg)  |
| <b>Driving range*</b>           | Up to 12.3 mi (19.8 km)   |
| <b>Motor power</b>              | 250 W Brushless DC  |
| <b>Maximum speed</b>            | 5.5 mph (8.8 km/h)  |
| <b>Operating temp</b>           | -13°F to 122°F (-25°C to 50°C)  |
| <b>Chair type compatibility</b> | Rigid, Folding, Tilt-In Space, One-Arm Drive and others                 |
| <b>Drive wheel diameter</b>     | 22", 24", 25", 26" (501, 540, 559, 590 mm)                              |
| <b>Warranty</b>                 | 2-Year Limited Warranty   |
| <b>Bluetooth LE</b>             | FCC ID QOQBT113<br>IC ID 5123A-BGTBLE113                                |
| <b>HCPCS</b>                    | E0986   |

\*Performance measurements will vary based on user and chair characteristics, driving and battery conditions.

The SmartDrive has been tested and conforms to all applicable requirements of ANSI/RESNA Standards for Wheelchairs - Volume 1 and Volume 2 and EN 12184.

NOTE: A wheelchair's specifications provided by its manufacturer may be slightly affected by the addition of the SmartDrive.

Please refer to your owner's manual for more detailed operation and care instructions.

Since U.S. Medicare coding and coverage criteria is subject to change, the provider should always confirm the HCPCS code and coverage criteria as part of the client assessment process.  
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## PushTracker E2 Specifications

|                                  |  |
|----------------------------------|--|
| <b>Dimensions</b>                | 1.85" x 2.06" x 0.5" (46.9 x 52.2 x 12.9 mm)   |
| <b>Operating system</b>          | Wear OS by Google™   |
| <b>Phone compatibility</b>       | Android™, iPhone™  |
| <b>Nominal operating voltage</b> | 3.9 V  |
| <b>Electric charge</b>           | 415 mA-h   |
| <b>Wireless operating band</b>   | Bluetooth / BLE 2.4 GHz (2.402 to 2.480 GHz)<br>WiFi 802.11 b/g/n 2.4 GHz (2.412 to 2.472 GHz)<br>GPS / GLONASS / Beidou 1575 MHz (1.559 to 1.610 GHz) |
| <b>Bluetooth LE</b>              | FCC ID 2AP42-WG12026<br>IC ID 24006-WG12026  |
| <b>Water resistance</b>          | 5 ATM (Swim-ready, up to 50 m)   |
| <b>Band width</b>                | 0.87" (22 mm)  |
| <b>Band material</b>             | Silicone (interchangeable) - Latex-Free and completely Biocompatible   |
| <b>Case material</b>             | Polycarbonate  |
| <b>Display</b>                   | AMOLED (400 x 400 pixel)   |

\*All figures shown are for illustration purposes only and actual products may vary. Wear OS by Google, iPhone, Android, Bluetooth and Google Play are trademarks or registered trademarks of their respective owners.