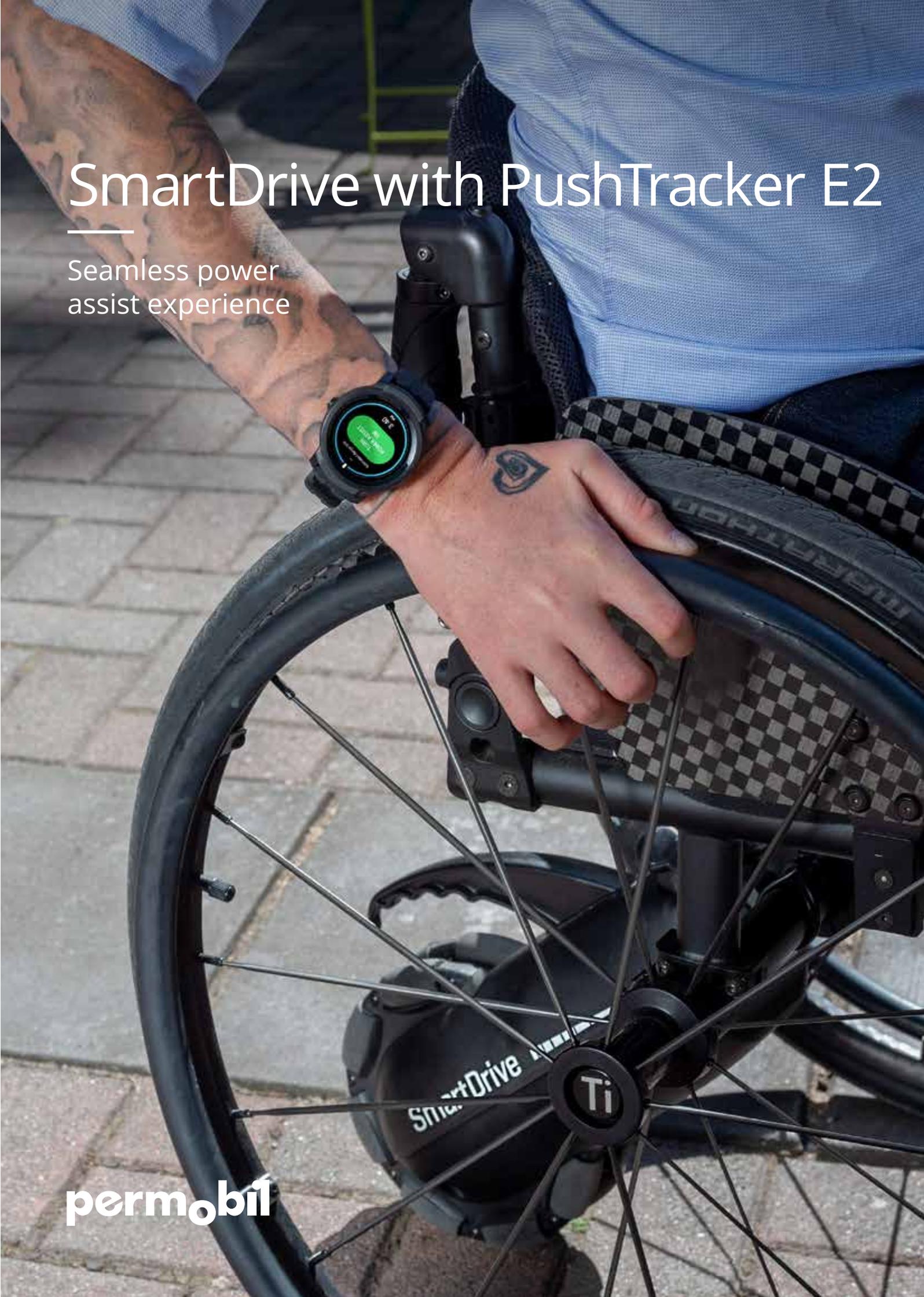


# SmartDrive with PushTracker E2

Seamless power assist experience

permobil



Ergonomic design quickly attaches to a wide variety of manual wheelchairs

5.6 kg — 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

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

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## 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.



Touch screen technology makes the PushTracker more accessible than ever

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.

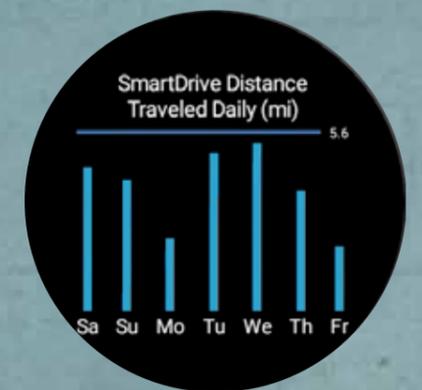
Quickly change all performance settings



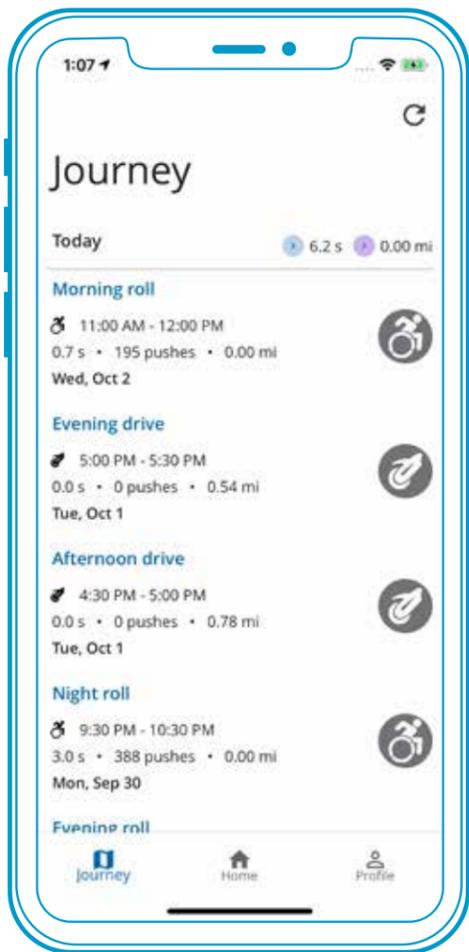
Turn power assist on and off



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.



## SwitchControl

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 individualised mobility goals.

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

PushTracker PushTracker E2 PushTracker App SmartDrive SwitchControl



## SmartDrive Specifications

<b>Dimensions</b>	Length: 15.3" (389 mm) Width: 5.7" (141 mm) Height: 9.5" (242 mm)
<b>Product weight</b>	5.6 kg Drive Unit
<b>User weight</b>	14 to 150 kg
<b>Driving range*</b>	Up to 19.8 km
<b>Motor power</b>	250 W Brushless DC
<b>Maximum speed</b>	8.8 km/h
<b>Operating temp</b>	-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 IC ID 5123A-BGTBLE113

\*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.

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For additional information regarding clinical claims referenced in this document, please visit [permobil.com/resources](http://permobil.com/resources).

## 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) WiFi 802.11 b/g/n 2.4 GHz (2.412 to 2.472 GHz) GPS / GLONASS / Beidou 1575 MHz (1.559 to 1.610 GHz)
<b>Bluetooth LE</b>	FCC ID 2AP42-WG12026 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.