Power assist

SmartDrive MX2+

permobil

Universal padded handle

Multiple ergonomic handles to quickly attach to almost any manual wheelchair

13.2 lb — Lightest rear power assist in the world

OmniWheel's patented design engages and stays engaged in any position, maintains optimal traction, and climbs 10 degree inclines.

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 power your push, your way.

> **"** 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., *SmartDrive Expert*

Choose to do more

SmartDrive empowers your active lifestyle with a double tap or single touch of a button. It conserves the energy that you would normally have to use just to get around, and helps you to save it for activities that enhance your day.

Airplane travel ready

Touch screen technology and
bright color display makes
the PushTracker E2 more
accessible than ever.

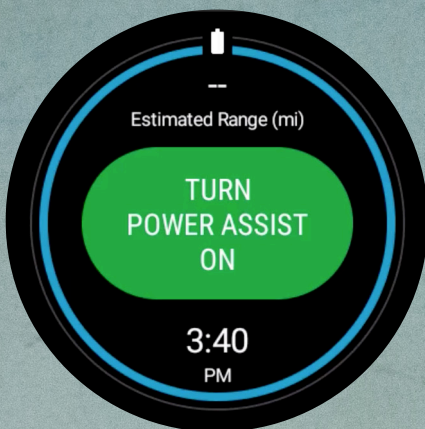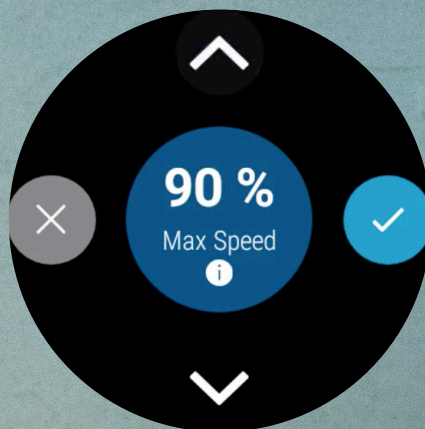8x more reliable
Bluetooth® connection

Set up in minutes, no
phone or wifi required

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.

Estimated Range (mi)

**TURN
POWER ASSIST
ON**

3:40
PM

90 %
Max Speed

SmartDrive Distance
Traveled Daily (mi)

5.6

Sa Su Mo Tu We Th Fr

Turn power assist on and off

Easily change speed settings

Review system usage

1:07

Journey

Today	6.2 s	0.00 mi

Morning roll
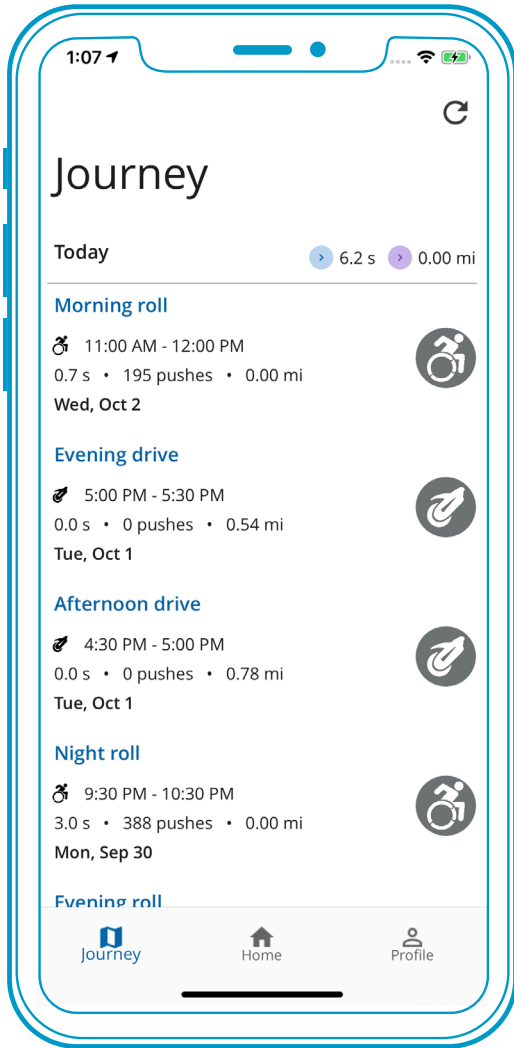
♿ 11:00 AM - 12:00 PM
0.7 s • 195 pushes • 0.00 mi
Wed, Oct 2

Evening drive

🚀 5:00 PM - 5:30 PM
0.0 s • 0 pushes • 0.54 mi
Tue, Oct 1

Afternoon drive

🚀 4:30 PM - 5:00 PM
0.0 s • 0 pushes • 0.78 mi
Tue, Oct 1

Night roll

♿ 9:30 PM - 10:30 PM
3.0 s • 388 pushes • 0.00 mi
Mon, Sep 30

Evening roll
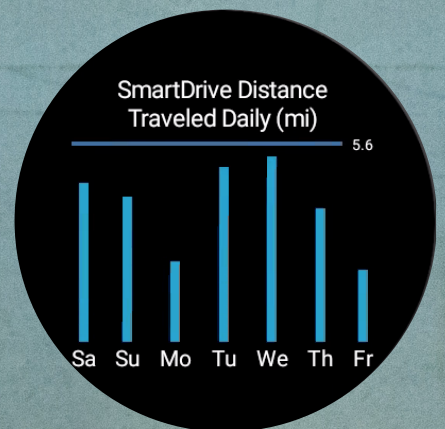
Journey	Home	Profile

PushTracker App

SmartDrive provides daily mobility insights for the manual wheelchair user. The PushTracker app produces and delivers activity statistics designed to promote optimal mobility health. Track distance, pushes and coast time in order to increase coast time and decrease pushes. The app can also be used to easily update and control SmartDrive settings.

ANDROID APP ON
Google Play

Available on the
App Store

SwitchControl

SwitchControl is a simple way to control your SmartDrive. Engage your SmartDrive with a push of a button for a momentary burst or press and hold to set your cruise speed for longer distances. This empowers a more diverse group of people to experience SmartDrive than ever before.

PushTracker E2
Easy to read, touch
screen settings control

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

	Stamina	Performance	Expert
Products available			
Best for	Hemi-propeller, pediatric, geriatric, or caregivers	Pediatric/active users (smaller, simpler wearable)	Adult/active users (advanced wearable features)
On-demand power assist	◉	◉	◉
Energy/shoulder preservation	◉	◉	◉
Easy on/off buttons	◉	◉	◉
Hand gesture activation		◉	◉
Advanced Bluetooth connection			◉
Easy to read, touch screen settings control			◉
Performance & maintenance notifications			◉

PushTracker   PushTracker E2   SmartDrive   SwitchControl

SmartDrive Specifications

Dimensions	Length: 15.3" (389 mm) Width: 5.7" (141 mm) Height: 9.5" (242 mm)
Product weight	13.2 lb (6 kg) Drive Unit
User weight	30 to 331 lb (14 to 150 kg)
Driving range*	Up to 12.3 mi (19.8 km)
Motor power	250 W Brushless DC
Maximum speed	5.5 mph (8.8 km/h)
Operating temp	-13°F to 122°F (-25°C to 50°C)
Chair type compatibility	Rigid, Folding, Tilt-In Space, One-Arm Drive and others Chair widths: 8"(no anti-tips) -22"
Drive wheel diameter	22", 24", 25", 26" (501, 540, 559, 590 mm)
Warranty	2-Year Limited Warranty
Bluetooth LE	FCC ID QOQBT113 IC ID 5123A-BGTBLE113
HCPCS	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.

PushTracker E2 Specifications

Dimensions	1.85" x 2.06" x 0.5" (46.9 x 52.2 x 12.9 mm)
Operating system	Wear OS by Google™
Nominal operating voltage	3.9 V
Electric charge	415 mA-h
Wireless operating band	Bluetooth / BLE 2.4 GHz (2.402 to 2.480 GHz)
	Wi-Fi 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)
Bluetooth LE	FCC ID 2AP42-WG12026 IC ID 24006-WG12026
Water resistance	5 ATM (Swim-ready, up to 50 m)
Band width	0.87" (22 mm)
Band material	Silicone (interchangeable), Latex-Free and completely Biocompatible
Case material	Polycarbonate
Display	AMOLED (400 x 400 pixel)

*All figures shown are for illustration purposes only and actual products may vary.
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