

Introducing WheelDrive – power assist for manual wheelchairs

Why WheelDrive?

As an active wheelchair user you will recognise this - driving a manual chair often requires too much effort. Not to mention climbing challenging slopes, thresholds and curbs. Even if you are physically fit, you cannot always get everywhere you want to independently. With WheelDrive, the next generation power assist for manual wheelchairs, Sunrise Medical shows how this can be different. It couples power assistance with continuous drive – a unique combination. WheelDrive is designed to make driving easier for you in every situation, offering therapeutic benefits at the same time. Due to its revolutionary dual rim concept, WheelDrive not only gives power assistance so you can push more easily, it also allows for continuous drive – no propelling required. Simply choose the support you need to move effortlessly, and switch between the 'assist rim' and 'drive rim' as required. With WheelDrive you will enjoy enhanced mobility and freedom, and stay active using your own manual wheelchair!



How does it work?

WheelDrive wheels have an integrated electric motor and battery pack. When the WheelDrive is switched on, an intelligent sensor detects your pushing force and activates the motor. Based on the selected level of support – simply set with 3 on-wheel profile buttons – you get precisely the power assistance you need to drive effortlessly.



If you push the small drive rim slightly forward (or backwards), you move with continuous drive – no self-propelling required. Switch between both rims as needed. The WheelDrive wheels can be quickly removed from your wheelchair for easy transport. The integrated batteries can be charged on-wheel or disconnected and charged separately.

Easy fit on almost any wheelchair

The WheelDrive wheels can be easily mounted on virtually any manual wheelchair model, without any additional parts or changes to the wheelchair. So you can continue to use your own chair, customized to fit your specific needs.



Of course, you can swap back to the original manual wheels as an alternative at any time – no tools required.

Who can benefit from WheelDrive?

Do you experience arm or shoulder pain, or a decrease in strength? Does your energy level fluctuate a lot during the day? Or is it just too demanding to propel your wheelchair all the time? Then you can benefit greatly from the WheelDrive power assist from Sunrise Medical. However, WheelDrive is also a great solution if you are physically fit and simply want to go further.

Power assistance and continuous drive

WheelDrive features a unique dual rim concept. The large 'assist rim' provides power assistance and makes self-propelling easier for you. Choose from three support levels, each with their own specific driving characteristics. The small 'drive rim' gives you continuous drive at 3 speed levels – like a 'joystick on the wheel', no effort required. Naturally, switching between both rims is easy, so you always get exactly the support you need!

