



WHEELDRIVE
GO FURTHER.





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The WheelDrive revolutionizes powered wheel technology with ground-breaking and life changing technology that you need to experience for yourself!

The WheelDrive is unlike any other product on the market! A power assist for wheelchairs that's designed to make driving easier - and offers therapeutic benefits at the same time. Due to its unique dual rim concept, the WheelDrive not only gives power assistance while self-propelling, it also allows for continuous drive – no effort required.

Simply choose the support you need and enjoy enhanced mobility and freedom – in your own manual wheelchair!

// POWER ASSISTANCE AND CONTINUOUS DRIVE:

With large "assist rim" and small "drive rim" – always the support you need.

// INTUITIVE AND SAFE TO USE:

It's just like regular self-propelling, very natural.

// MORE FREEDOM AND INDEPENDENCE:

Go where you want to go with much less effort.

// STAYING ACTIVE WITH LESS COMPLAINTS OF PAIN:

Due to reduced strain on muscles and joints, and stimulation of active mobility.

// EASY FIT ON ALMOST ANY WHEELCHAIR:

Quick and easy to mount, without any additional parts or changes to your wheelchair.



AN EXPERIENCE UNLIKE ANY OTHER

The WheelDrive is not just a power assist wheel - it offers a unique combination of power assistance and continuous push wheel drive. With this innovative solution you can now overcome the challenges of fatigue and inaccessible terrain, opening a whole new world of experiences!



ASSIST rim



DRIVE rim

POWER ASSISTANCE AND CONTINUOUS DRIVE

WheelDrive features a unique dual rim concept. The large “assist rim” provides power assistance, so you can push your wheelchair more easily. Glide with no effort? The small “drive rim” acts like a “joystick on the wheel” allowing for continuous drive. With three driving profiles, you can simply choose how much assist you want and how fast you want to go. Naturally, you can easily switch between both rims. So you always get exactly the support you need!



INTUITIVE AND SAFE TO USE

Using your wheelchair with WheelDrive power assist feels very natural and you'll soon find how easy it is to switch between the rims. With easily accessible on-wheel buttons, you can simply switch the system on and off, and set your driving profile – offering power support up to 10 km/h (assist rim) or 6 km/h (drive rim). You don't have to worry about losing control either. When driving down a slope the motors will brake automatically – for maximum safety and security!

MORE FREEDOM AND INDEPENDENCE

Going further or driving on challenging surfaces and slopes? With the WheelDrive it'll simply require much less effort. This also goes for manoeuvring in tight spaces. And when you're travelling by car, the wheels can be quickly removed for easy transport. Experience enhanced mobility - and have more energy to enjoy an active life.

STAYING ACTIVE WITH LESS COMPLAINTS OF PAIN

After prolonged manual wheelchair use, you can experience arm and shoulder pain or a decrease in strength. WheelDrive power add-on reduces the strain on muscles and joints, and helps to prevent these problems. At the same time, active mobility or exercise is stimulated, allowing you to stay active and independent.



EMPOWERED DESIGN FOR YOU



The control, functionality and looks of a manual wheelchair combined with leading power assist and drive technology – with the WheelDrive you get the best of both worlds. Go further – and enjoy an effortless ride!

FEATURES AND BENEFITS OF THE WHEELDRIVE



// EASY TRANSPORT & AIR TRAVEL

The WheelDrive wheels can be quickly removed from your wheelchair for easy transport in a car. Travelling by air? The WheelDrive fulfils IATA requirements and may be carried as checked baggage. (Remove batteries before transport.)



// SMART BATTERY TECHNOLOGY

The WheelDrive is powered by two easily detachable lightweight batteries which deliver exceptional performance. These batteries can be fully charged in two hours – 60% quicker than any other on the market. While they're charging, don't worry. You won't be chained to the wall – you can still use the WheelDrive as a normal manual wheelchair! Naturally, you can also opt for an extra battery to maximize your mobility and enjoy an even longer ride.



// EASY FIT ON ALMOST ANY WHEELCHAIR

The WheelDrive wheels can be easily mounted on virtually any lightweight or standard wheelchair, without any additional parts or changes to the chair. So you can continue to use your own manual 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. However, WheelDrive is also a great solution if you're physically fit and simply want to go further!

*Please note that single-hand operation and foot-propelling are not compatible with WheelDrive. In case of decreasing cognitive capacities or spasms the use of WheelDrive is not recommended.

TECHNICAL DATA

WheelDrive // WHEELCHAIR POWER ASSIST

Max. load capacity	130 kg	Max. speed forward	10 km/h (assist rim); 6 km/h (drive rim)
Total extra width compared to manual wheels (set)	43 mm	Max. range (ISO 7176-4)	20 km (assist rim); 12 km (drive rim) (dependant on user weight, driving programme, weather and road conditions, condition of battery and tyres, etc.)
Weight of batteries (set)	3.6 kg		
Total weight including battery (one wheel)	11.5 kg	Max. kerb climbing, driving backwards	50 mm
Transport weight excluding battery (one wheel)	9.7 kg	Charging time (full charge)	Approx. 2 hours
Wheel diameter	24"	Intended use and environment	For people with limited mobility; self-propelling; indoor and outdoor use. Wheelchair type class B



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