

decon
mobility



e drive_{NXT}



E-Drive NXT is a powerful electric drive system with joystick and/or attendant control that transforms your manual wheelchair into a compact, easy-to-use, and agile power wheelchair.

E-Drive NXT is developed for users who want to continue using their manual wheelchair but, for various medical reasons, need full electric propulsion in their daily mobility. By mounting the compact drive system on your wheelchair, you get reliable electric propulsion that is easily controlled with a joystick and/or in combination with attendant control. This reduces the physical effort – both for the user and the attendant.

The system has stable driving characteristics, making it easier to get around on slopes, over longer distances, and on even surfaces. Thanks to the well-thought-out design, the drive system can be smoothly integrated with the wheelchair without compromising maneuverability or comfort.

E-Drive NXT is compatible with most models of manual wheelchairs and can be easily mounted and, if needed, removed.

Whether you move around at home, at work, or outdoors, E-Drive NXT provides extra support and increases your independence and everyday freedom.

Specifications

Engine	36V 150Wx2
Battery type	Li-ion, 36V 6.45Ah
Product weight	16" wheels: approx. 16.1 kg 24" wheels: approx. 16.9 kg Battery: 2.4 kg
Wheel dimensions	16", 20", 22", 24", 25", 26"
Speed	Joystick control: up to 8.5 km/h Attendant control: up to 6 km/h
Maximum driving range with fully charged batteries	Approx. 20 km (16") Approx. 25 km (20"-24") Range varies depending on battery type, wheel size, and usage.
Maximum user weight	160 kg
Maximum total weight	Heavy Duty: up to 212 kg
Maximum climbing ability	6 degrees
CE marking	According to MDR 2017/745 class 1
Display	Integrated LCD display in joystick
Program parameters	Via joystick or computer (Smart Tune)
Charging time	Approx. 5 hours



Scan the QR code for more information

Joystick and/or attendant control

The swiveling joystick makes it easier to get in and out of the wheelchair and also contributes to a more flexible and ergonomic driving position.

E-Drive NXT is equipped with a modern joystick with integrated display that gives the user a clear overview and better control while driving. Important information such as speed mode, battery status, and system messages is displayed directly on the joystick.

The well-designed layout creates a safe and predictable driving experience, especially in situations where quick feedback is crucial, such as when driving outdoors or on slopes. The controls are positioned to be easily accessible and simple to understand, which makes everyday use and adjustments over time easier.

The joystick comes with a standard knob that suits most users, but it can also be changed to meet individual needs. There are several alternative knobs with different shapes and grips, making it possible to find a solution that feels natural and comfortable regardless of hand function or driving style. In combination with the ability to adjust the joystick's position, a stable, ergonomic, and comfortable driving experience is created.

E-Drive NXT can also be equipped with an attendant control, developed with the same focus on control, overview, and safe use as the joystick. It gives the attendant the ability to maneuver the wheelchair with smooth and predictable movements, which works just as well indoors as in outdoor terrain.

The design gives a sense of speed and movement while important information is displayed directly on the control. This makes driving safer and more comfortable, both for the user and the assistant.



Scan the QR code for more information

Together we can create freedom!

Follow us:



decon.se

