

A black, industrial-grade robotic arm support system, model O540, is shown against a blue background with a bright light source on the right. The arm is articulated, with a long, slender upper section and a shorter, thicker lower section. It features several joints and a mounting bracket at the base. The overall design is sleek and functional.

KINOVA® *Dynamic arm support O540*

Take the reins
and control
your movements
more easily

KINOVA
Achieve Extraordinary

Take the reins and control your movements more easily

KINOVA® Dynamic arm support O540 allows individuals living with limited arm and shoulder functions the ability to move with greater freedom.

The device is specially designed for power wheelchair users who only have limited strength in their arms and shoulders, or for those who can only use their muscular strength for a limited time. Its external mechanical compensation system provides an elevation-assist function, so users can easily move their arms with no resistance from gravity or arm weight. As well, it follows the natural movement of the body and is designed to facilitate the movement of the arm, allowing users to pay more attention to the execution of the task.

Through dynamic arm support, people with limited upper-body mobility are given **self-reliance**, **independence** and **comfort**, all of which contribute to their well-being and promote healthy daily living.

There is no need too small.
No task too great.

Product Benefits

- **Easy installation:** Easily mountable on almost any power wheelchair and suitable for both left- and right-handed users
- **Easy usage:** Easily adjustable by the end user through the power function
- **Strong:** Can support loads of up to 4.5 kg (10 lbs)
- **Accuracy:** Allows the end-user to block the amplitude of vertical and horizontal movements independently and power tilt forward and back to assist the arm movement

Mobility Impairments

Users have limited use of their upper limbs, usually as a result of having been diagnosed with one of the following conditions:

- Amyotrophic lateral sclerosis
- General back and shoulder pain or injury
- Multiple sclerosis
- Muscular dystrophy
- Repetitive strain injury
- Rheumatism
- Spinal cord injury
- Spinal muscular atrophy
- Stroke

