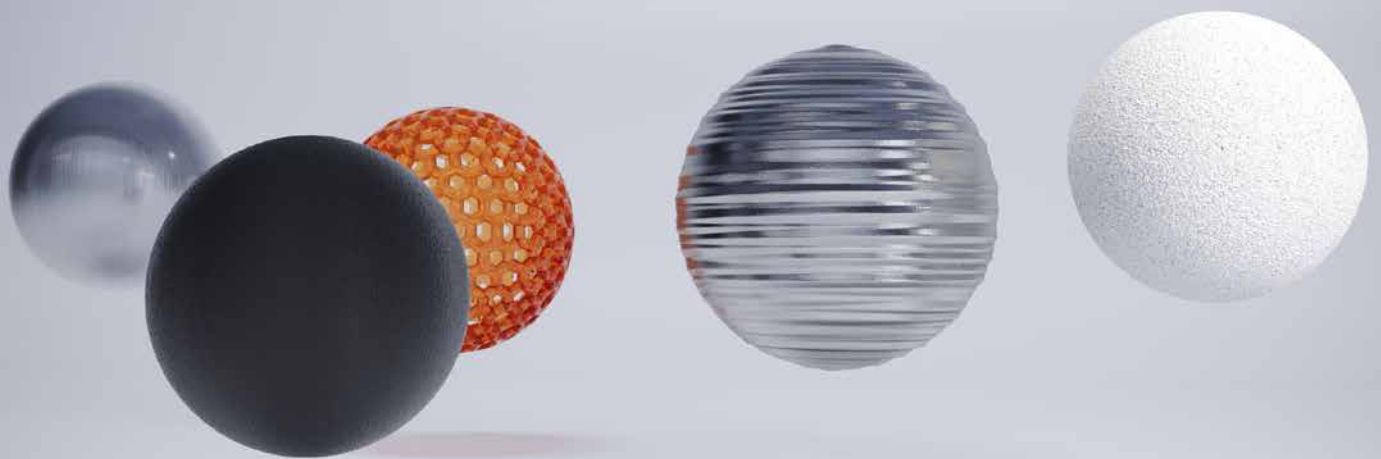


HAVE A SEAT!

REAC SEATING SYSTEMS



www.reac-group.com



We solve motion challenges

Mobility equipment is designed to improve the quality of life for people with unique abilities. As an engineer or designer, your goal is to make sure that your product supports the client living an active life. The perfect fitting wheelchair can greatly improve a person's comfort and safety, allowing them to move freely. There's no one-size-fits-all solution when it comes to mobility devices. People with unique abilities have different needs depending on their individual circumstances. For some, a manual wheelchair may be sufficient. For others, a power chair is necessary for daily activities.

We take pride in offering the widest range of seating systems on the market, from light weight Tilts to highly advanced Stand Up systems.



Quality is our top priority. We understand that the end user relies on our products for their daily usage. We want to provide them with the peace of mind that comes with knowing they have invested in a high-quality product. To ensure this level of quality is maintained throughout the lifespan of our products, we do extensive testing and offer customer-tailored tests to meet specific needs.

In today's highly competitive market, we conduct tests such as double drum, drop, and fatigue, involving everything from function and design to durability and strength.

Our commitment to excellence also means that we constantly review our processes to identify areas where we can improve. We believe in continuous learning, and this has enabled us to stay ahead of the competition by providing cutting-edge products.



Our expertise – Your benefit

REAC is a trusted supplier to industries with high-quality standards. Our stable supply chain and expertise ensure durable and flawless results. Our skilled R&D team translates your concepts into Solid Works 3D, bringing the final product to life. This allows for more control, faster reaction, speed, and increased flexibility when the final product is manufactured and delivered to the customer.

Our products fit most wheelchairs, can be customized to your applications' needs, and are easy to apply.

As a company committed to providing premium products to our clients while also protecting the environment, we at REAC prioritizes the implementation of management systems.

Certifications

REAC is certified according to the following management systems to continuously improve regarding quality and the environment.

ISO 9001 Quality management system for REAC Poland and REAC Components

ISO 14001 Environmental management system for REAC Poland and REAC Components

ISO 45001 Occupational, Health and Safety Management Certification for REAC Poland and REAC Components

ISO 13485 Medical devices – Quality Management System. REAC Poland fulfill the requirements for comprehensive quality management system to design and manufacture of medical devices.

Declarations of conformity REAC Poland and REAC Components all have formal declarations of RoHS (Restriction of Hazardous Substances), REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals) and WEEE (Waste Electric and electronic equipment) compliance.

OUR SEATING SYSTEMS

Tilt System

– Let us ease the pressure!

The REAC Tilt system puts wheelchair users in charge of their own comfort zone. A smooth and steady tilt of up to 50° lets them find the right position to relax and alleviate pressure.

Sitting comfortably is always nice, but for some of us it's an absolute necessity. REAC's powerful Tilt system counteracts the effects of gravity, to safeguard the health and self-sufficiency of wheelchair drivers. With an electrically adjustable seat, they can take independent action to prevent issues such as swelling, muscle fatigue, pressure sores and a collapsed spine.

The system is both compact and strong, light-weight and durable. Just as you'd expect from a REAC solution.



Low weight Tilt system

Load capacity: 215 kg

Min. install height: 78 mm

Tilting angle: 0° – 50°

Weight: 10.5 kg

Feedback & switches: Limit switch in actuator, built-in potentiometers, hall sensors & inhibit switches

Motor: 24VDC



Standard Tilt system

Load capacity: 200 kg

Min. install height: 76 mm

Tilting angle: 0° – 50°

Weight: 13 kg

Feedback & switches: Limit switch in actuator, built-in potentiometers, hall sensors & inhibit switches

Motor: 24VDC



Heavy duty Tilt system

Load capacity: 250 kg

Min. install height: 91 mm

Tilting angle: 0° – 50°

Weight: 15 kg

Feedback & switches: Limit switch in actuator, built-in potentiometers, hall sensors & inhibit switches

Motor: 24VDC



Anterior Tilt System

– Let us bring you forward!

REAC Anterior Tilt enables the user to reach even further, to come closer to and below a surface. Anterior Tilt offers a 45-degree angle, posterior and anterior, supporting functional reach for example for self-care, hygiene, cooking, and more.

With the help of a control system using feedback from the actuator, you can also achieve lift.

There is no need for the manufacturer to change the size of the application's base, Anterior Tilt fits most wheelchair chassis. It is easy to install and is adaptable to customer needs.

Anterior Tilt system

Load capacity: 200 kg

Min. install height: 84 mm

Tilting angle: -45°- +45°

Weight: 18 kg

Feedback & switches: Limit switches in actuator, min and max position feedback, hall sensors & inhibit switches

Motor: 24VDC

Benefits for manufacturers

- Adaptable to customer needs
- Easy to install
- No need to change the size of the base
- Lower development cost

Values for users

- Independence
- Self confidence
- Freedom of movement

OUR SEATING SYSTEMS

Lift System

– Let us lift you up!

The REAC Lift system facilitates transfer and brings the user into a higher position, enabling conversation at peer level. This can bring psychological advantages such as supporting self-esteem, self-awareness, and self-confidence.

The Lift system has a robust construction with self-locking, and a long life cycle due to thorough testing to ensure high quality.



Standard Lift system

Load capacity: 200 kg

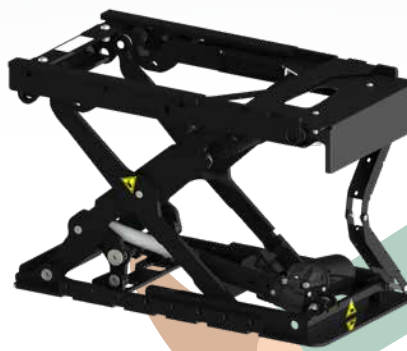
Min. install height: 78 mm

Lifting height: 300 mm

Weight: 16 kg

Feedback & switches: Limit switch in actuator, inhibit switch, min. and max. linear position

Motor: 24VDC



Heavy duty Lift system

Load capacity: 260 kg

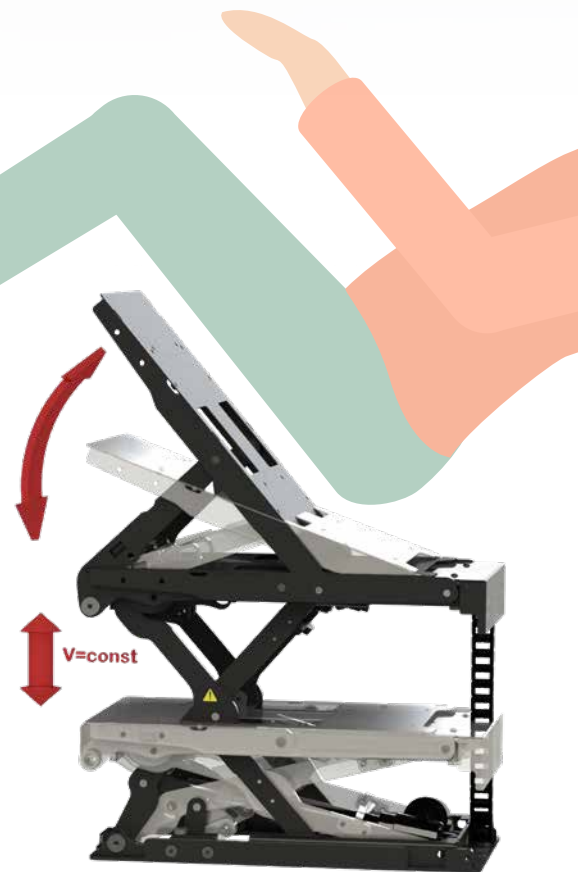
Min. install height: 89.5 mm

Lifting height: 254 mm

Weight: 22 kg

Feedback & switches: Limit switch in actuator, inhibit switch, min. and max. linear position

Motor: 24VDC



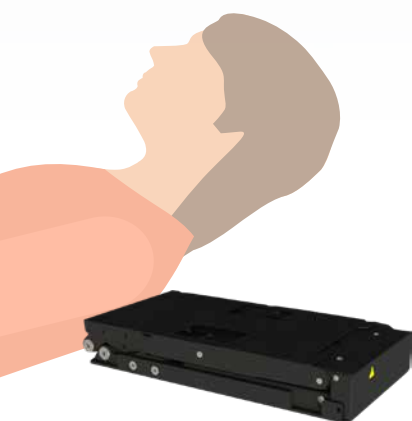
Lift & Tilt system

Lift & Tilt System

– Let us set you free!

The REAC Lift & Tilt system offers the user stability, comfort, and freedom to connect with friends, family, and community. The tilt function allows an angle up to 50°. It can be customized to specific needs.

Our Lift & Tilt systems will meet your design, manufacturing, and logistics requirements. It has a long life cycle, due to extensive testing to ensure high quality.



Std Lift/Tilt system

Load capacity: 215 kg

Min. install height: 88 mm

Lifting height: 300 mm

Tilting angle: 0° – 50°

Weight: 28 kg

Feedback & switches: Limit switch in actuator

Motor: 24VDC



HD Lift/Tilt system

Load capacity: 260 kg

Min. install height: 89.5 mm

Lifting height: 254 mm

Tilting angle: 0° – 50°

Weight: 30 kg

Feedback & switches: Limit switch in actuator

Motor: 24VDC

Benefits for manufacturers

- Safe chair
- Fulfilling regulatory requirements
- Increased endurance of the wheelchair

Values for users

- Improved comfort
- Better reach
- Freedom to connect

OUR SEATING SYSTEMS

Stand Up System

– Let us stand by you!

The REAC Stand Up system with tilt helps users from sitting to standing and laying positions, also enabling tilt, anterior tilt, and lift. This promotes social inclusion and self-reliance, as well as improving function of internal organs and bowel movement.

To give the user the best ergonomic movement patterns, the system uses compensating shear reduction.

It is a standing support system originally designed as a “bolt on solution” for the powered wheelchair industry. It is also suitable for fitting onto other rehab applications and other industries as an OEM application. Designed to fit onto common wheelchair chassis, it can be customized for different requirements, giving it fast time to market. Our R&D team will be happy to translate your idea into a final product.

It is available in 3 size configurations: small, medium, and large.



Benefits for manufacturers

- Cost-efficient by customizing basic models
- Long life cycle makes it environmentally friendly
- Well proven design

Values for users

- Improved energy levels
- Better reach
- Confidence and independence



Stand Up system

Load capacity: 160 kg

Weight: 33 kg

Feedback & switches: Limit switch, outer and inner position for seat, backrest, and leg rest

Motor: 24VDC

Stand Up system with Tilt

Load capacity: 160 kg

Weight: 38 kg

Tilting angle: 0° – 45°

Feedback & switches: Actuators with built-in limit switches for outer and inner position of seat, backrest, leg rest and tilt

Motor: 24VDC

OUR SEATING SYSTEMS

Power Tilt in Space

– Let us rock your world!

The REAC Power Tilt in Space is a drive unit that allows you to add electric adjustable seating to a manual wheelchair. Combined with a REAC control system, it constitutes a complete motion system that can be adapted to wheelchairs and other seating functions in need of a tilting/rocking motion.

This is a compact and powerful tilt device that can be customised to fit your application. It is specially designed for manual wheelchairs and gurney tilt motion.

Power Tilt in Space

Weight: 3.5 kg

Max. capacity at drive junction: 500 N

Tilting angle: 0° – 50°

Motor: 24 VDC



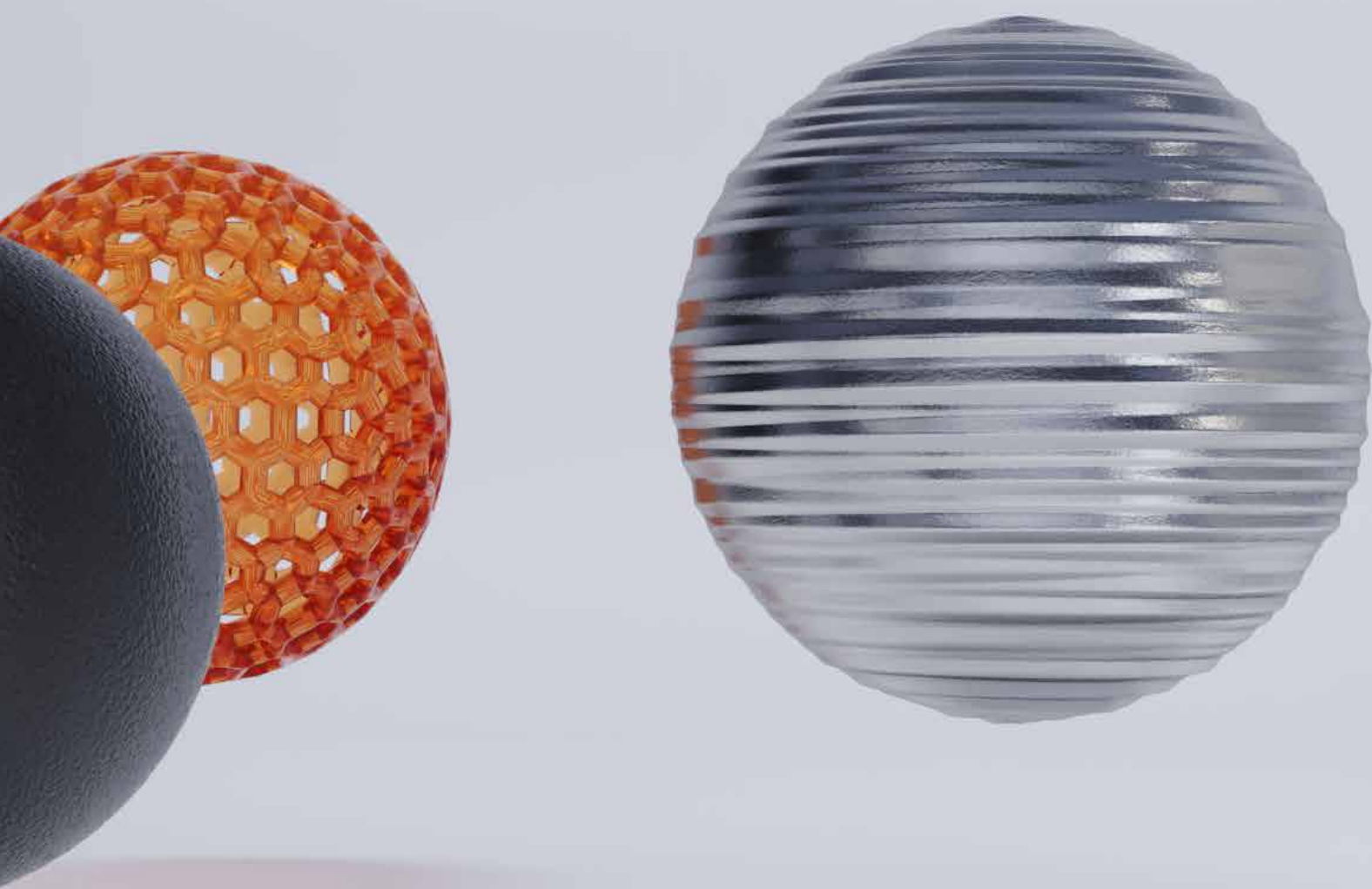
Benefits for manufacturers

- Customization to fit your needs
- Long life cycle due to extensive testing to ensure high quality

Values for users

- Freedom of movement
- Relieves pressure
- Prevents shearing





Contact us

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