

*SWEDRIVE*

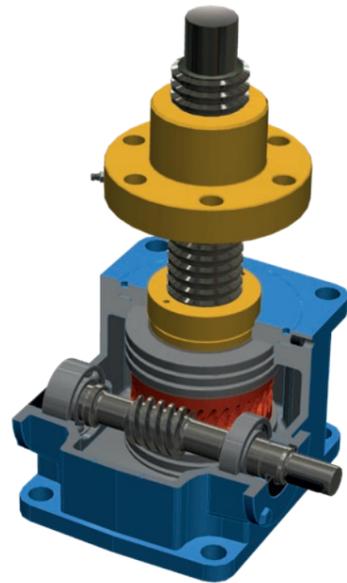
# SCREW JACKS

**YOUR SPECIAL POWERS**  
in rotary and linear movement



# THOUSANDS OF STANDARD SOLUTIONS FOR SCREW JACKS

A mechanical jack is used where precisely controlled linear movement and positioning are needed. Swedrive manufactures two main types of mechanical screw jacks – machine-screw jacks or ball-screw jacks, in six sizes and for loads up to 250 kN.



## Freedom, compatibility and increased safety

The design is based on our standard worm gear drives and provides the freedom to mount units in all positions, on a floor, wall or ceiling, for example.

Multiple jacks can operate in a group with a shared drive motor, coupled by bevel gears, clutches and transfer shafts.

All sizes are available with a variety of gear ratios to ensure the best possible match with the desired movement and precision. A number of versions are also offered with a self-locking action, meaning that the jack locks itself to ensure safety, and no energy is needed to support the load.

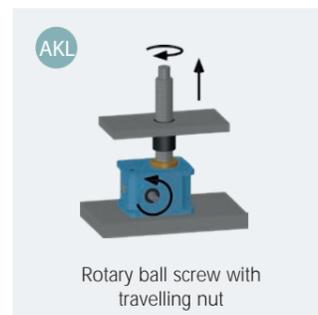
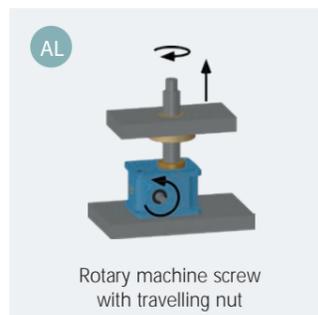
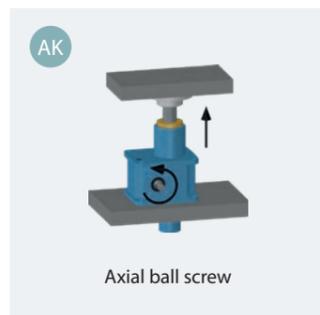
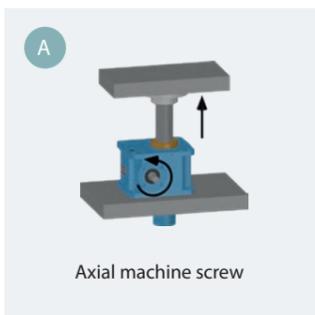
## Quality, speed and flexibility

The hallmark of all our products is their high quality combined with our company's strong technical development.

As a result we can offer products with minimal service requirements and long life. Our range of jacks is cost-optimized, energy-efficient and has the following advantages:

- Minimal environmental impact; ideal in locations where freedom from oil leaks is important
- Low noise level
- Energy is only required during motion
- Minimal rebound, easy to secure against unwanted movement during static loading
- Precise positioning and repeatability
- Easy to control desired travel and actuation time
- Speed is independent of force direction and load
- Fast and easy installation
- Ability to operate multiple jacks in parallel with the aid of mechanically or electrically operated shafts
- Minimal servicing requirements

## Technical description - jack types



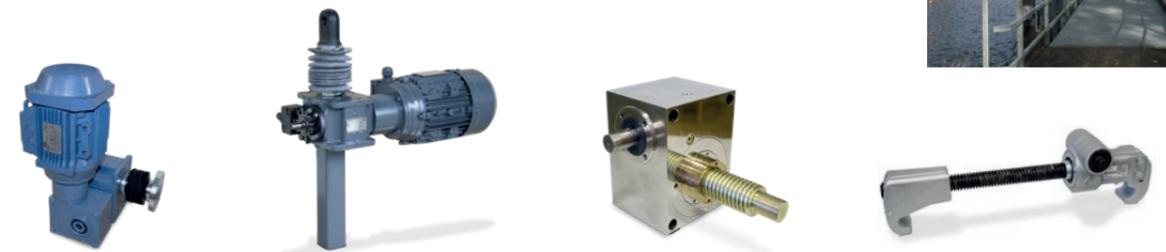
# OUR CUSTOM SOLUTIONS ARE NO EXCEPTION, ON THE CONTRARY

Swedrive has a modular standard range with thousands of combinations that can effectively be used to further adapt and tailor customer-specific solutions.

## By combining our know-how with yours we can develop the right solution

As a customer you benefit greatly from our breadth of know-how and long experience in designing and manufacturing jacks. Based on your knowledge of the specific application needs we develop solutions that suit your requirements.

- We adapt strokes, couplings, speeds and accessories such as sensors, motors, etc., to create a unique product that matches your needs
- Components in cast iron, brass, stainless steel, acid-resistant steel or aluminium give you enormous choice
- Complete systems based on standard products combined with a wide choice of accessories and transmission components from well-known brands



## Customer-specific and custom-built

Our extensive know-how and long experience are two key elements of our unique offering that have led to thousands of different variants, special modifications and custom products and solutions. They also give you reassurance as a customer.



Swedrive AB manufactures mechanical cylinders, worm gear drives, screw jacks and high-quality custom solutions for industry. Swedrive is part of the Dacke Industry AB.

[www.swedrive.se](http://www.swedrive.se)

Use the QR code or visit our website to learn more about the company and to download our catalogues of standard products.



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