

Product Range

Linear Actuators

ATLANTA linear actuators as linear motion drive are with their precision and robustness, the right drive concept for all dynamic lifting.

Our linear actuators are used wherever controllable lifting, lowering, feed, pressure, tilting or swiveling movements have to be carried out with the highest precision. It is irrelevant whether these are horizontal, vertical, pushing or pulling. With our high-performance screw jacks, high feed speeds are possible even with heavy loads. Compared to hydraulic lifting units, the combination of force and speed enables high dynamics and very precise positioning within the application.



Load capacity
up to 100 kN

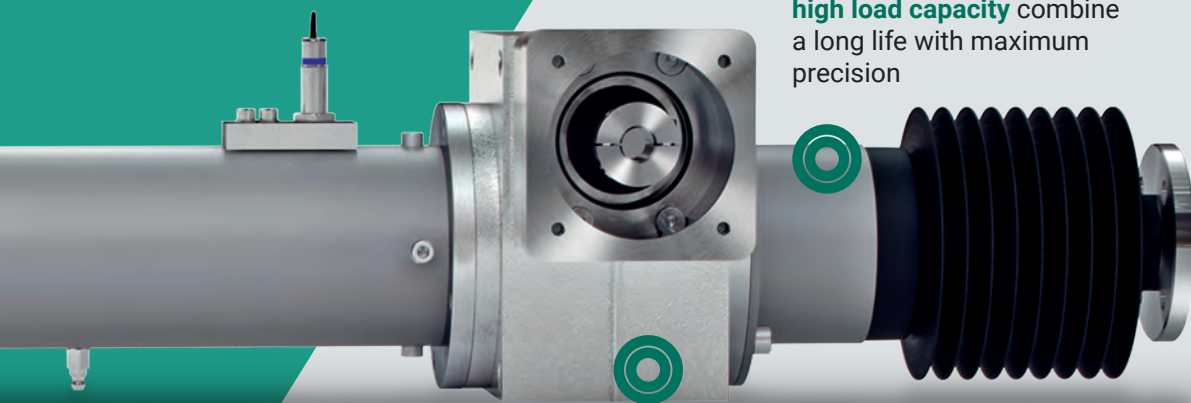


Travelling speed
up to 666 mm/s



Input speed
up to 6000 min⁻¹

Heavy duty ball screw drive with high load capacity combine a long life with maximum precision



Servo-Worm Gear Unit

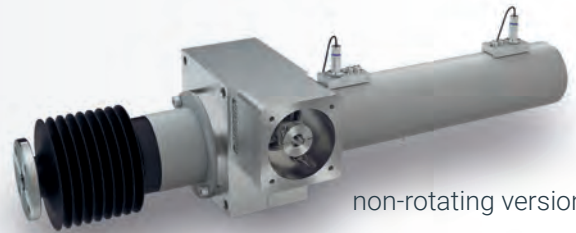
with special bearings to absorb the spindle and application forces



rotating version



lifting cylinder



non-rotating version

Features

- ✳ three versions (rotating, non-rotating, lifting cylinder)
- ✳ 4 sizes
- ✳ load capacity up to 100 kN
- ✳ ball screw spindle drive with increased load
- ✳ operating with three-phase AC and servomotor
- ✳ connection to the central lubrication possible

Unique Selling Points

- ✳ travelling speed up to 666 mm/s
- ✳ input speed up to 6000 rpm
- ✳ duty cycle up to 100%
- ✳ highest lifetime
- ✳ special version for additive manufacturing



Linear Actuators for Special Applications

Wide expertise paired with creativity is our secret of success for special applications with our linear actuators. With many years of expertise, our specialist engineers take every aspect into account when developing lifting drives for special applications:

- ✳ ATEX
- ✳ food industry
- ✳ vacuum environment
- ✳ additive manufacturing
- ✳ outdoor use
- ✳ high temperature environment