

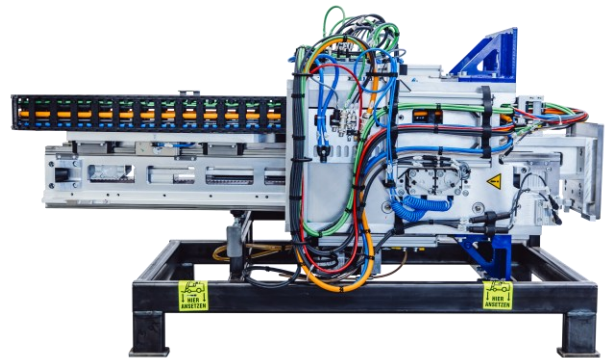
# TELESCOPIC Z-AXIS, MADE BY AWM.

We start where standard ends. Precise, dynamic, customized.

The telescopic Z-axis developed by the AWM GmbH doesn't make compromises. The **two-stage telescopic drive** consisting of toothed rack and toothed belt provides long strokes in the most confined installation space. The **modular design enables the individual adaption** to your project.

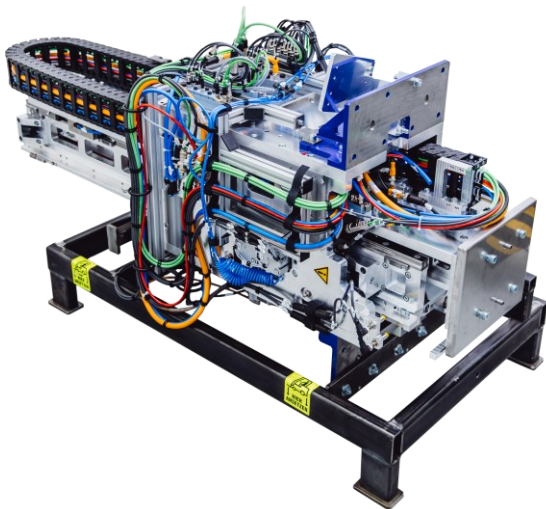
## Mechanics

- **40% less installation height**
- Available in various sizes
- Torsion-resistant, even in the extended position
- Low noise and low maintenance
- High repeatability



## Technical Data

- Nominal stroke: up to **2000 mm**
- Load capacity: **40–60 kg**,
- Speed: **max. 1,5m/s = 90m/min**
- Repeatability: **±0,5 mm**



## Electrics

- Servoelectric drive – according to your specifications
- Installation direction as per customer specifications (energy chain configuration)
- Profinet interface for axis and gripper
- Design in accordance with CE- and UL- standards
- Integrated fall protection

## Add-Ons

- Expendable with swivel unit
- Exchangeable interface for various modules
- Equipment with grippers, joining or assembly tools

## Application samples

- Palettizing of trays, containers and plates
- Loading machining and turning centers
- Various assembly and joining tasks