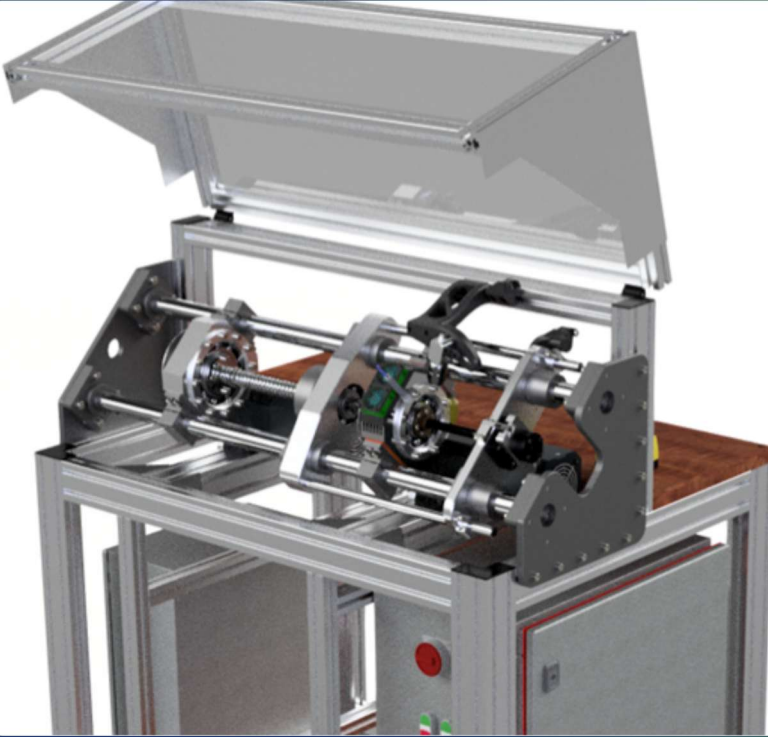


# Linear Drive Test Bench Screw – Driver

## Linear Component Testing



### PRACTICAL TEST CONDITIONS

The Screw-Driver enables precise testing of threaded and ball screw drives under real operating conditions.

### INNOVATIVE LUBRICATION ANALYSIS

Developed for testing insufficient lubrication and emergency running conditions, Screw-Driver provides deep insights into the spindle system.

### ONLINE INSIGHT & OVERVIEW

The tribology of the spindle drives is comprehensively recorded using advanced camera systems and precise measuring instruments.

## Screw – Driver

Contact geometry	Threaded spindle/nut; conforms to contraform Spindle diameter: Ø 30 mm (trapezoidal screws up to TR20 or ball screws up to size 16)
Type of movement	Oscillating/reversing sliding or rolling
Speed range	Maximum stroke: 300 mm
Load range	0 - 3000 rpm
Temperature range	1000 - 10,000 N Axial force
Sensors	RT - 120 ° C
Weight	Frictional torque, temperature, axial force, axial play (wear)
Dimensions	Approx. 275 kg
Electrical connection	1400 mm x 1200 mm x 860 mm ( H x W x D )
Standard tests	400 V; 16 A; 50/60 Hz
Options	None Contact current, structure-borne sound measurement Lubrication unit Test specimen

