

Rack rolling machine

Steering rack

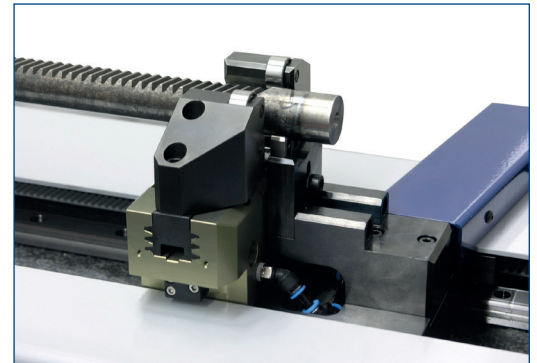
RWL

Quick and easy quality control of racks
in accordance with the double flank gear
rolling inspection method

- Workpieces:** Steering racks
- Features:** Double flank gear rolling inspection,
Center distance
- Measuring time:** ca. 35 seconds
- Accuracy:** Fi" $\pm 0,0025 \mu\text{m}$
fi" tooth-to-tooth radial composite deviation $\pm 0,0015 \mu\text{m}$
total radial composite deviation $\pm 0,0025 \mu\text{m}$
- Solution:**
- Horizontal device
 - Program controlled gripper
 - Device with integrated measuring electronic and PC
- Software:**
- Userfriendly Software RWL steering rack
 - Graphic design of the measurement results
 - Multiple options, data export, many languages
- Special features:** The measuring tower contains all need measuring systems. A measuring probe measures the vertical hub of the tower and a rotation encoder measures the setted angle of the pinion.

Technical data

Max. part length	70 - 330 mm
Max. diameter of rack	40 mm
Clamping	Gripper, moving
Calibration	Control master
Length x Width x Heigth	2438 mm x 610 mm x 2245 mm
Weight	770 kg



FRENCO GmbH
Gear + Spline Technology
Jakob-Baier-Str. 3 • 90518 Altdorf • Germany

www.frenco.com

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