

## Fully automatic sectional cutting system – series RSO-400N



The fully automatic cutting system of the **RSO-400N** series is designed for fully automatic sectioning of guiding rails, ball screw shafts, spindles, tubes and various other bar stock materials with wet cutting.



*Drive power: 10–15 kW*  
*Cutting wheels: 400 mm*



*Cutting chamber*

All the machines in this series are certified with the CE mark in accordance with EC guideline 2006/42EG.

### Characteristics:

- + **Powerful main drive** for high cutting performance
- + **Oscillation cut with cutting widths up to 120 mm**
- + **Infinitely adjustable oscillation travel up to 120 mm**
- + **Continuously adjustable oscillation speed**
- + **Automatic cutting wheel measurement using waveguide**
- + **Pneumatic, pressure-compensating parallel device** for secure workpiece clamping
- + **Automated workpiece feed** for continuous operation
- + **Thread cutting function** for reliable machining
- + **In addition to oscillation cutting, other cutting methods are possible**
- + **Additional coolant supply via the chilled clamping unit** for optimized cooling of the cutting zone
- + **Large number of cutting programs can be stored**
- + **Pulsed cut with freely adjustable amplitude and frequency**

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## Technical details:

## Optional:

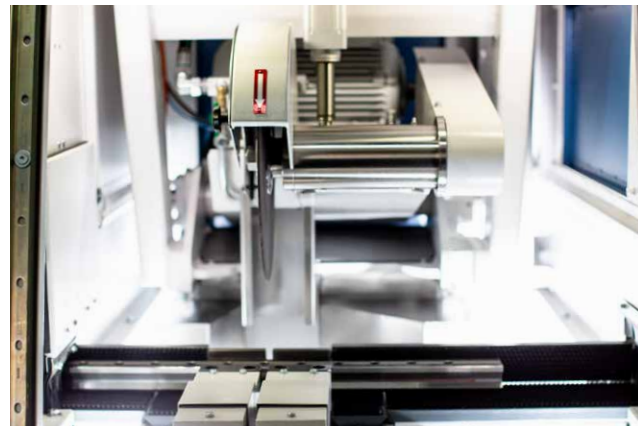
- Feed and discharge systems in customer-specific lengths and orientations
- Loading and buffer systems
- Inclined loader with automatic separation
- Mist filter for extracting coolant mist from the machine room (roof mounting)
- Magnetic filter or belt magnetic filter unit for coolant treatment
- Integration of the machine into EMS systems
- QR code reading system
- Camera systems
- Other monitoring and automation systems



Belt-magnetic filter



Driving system



Clamping at the cutting unit

## Everything from a single source:

Thanks to our integration into the **Pütz Group** and the resulting **synergy effects** we are able to offer you not just production and specialist cutting-off machines but also the appropriate testing technology to test surfaces as well as for dimensional accuracy.

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