



GEORG ultragrind

Roll grinding machines



mit uns **technisch überlegen**

GEORG machine tools

Roll grinding machines



Available features:

- > Steady rests in modular design
- > U1 axis for automatic roll alignment
- > Lower part with universal clamping area
- > Customer-specific design of the top parts
- > Softloader
- > Chock support
- > Counterstay with hydraulically adjustable quill
- > Chock turning device with turning by 90° into grinding position (overall 180°)
- > Grinding wheel holder with quick change device
- > Filtering systems
- > Starting drive for high roll weights
- > Fully automatic grinding and measuring of roll shapes
- > Automatic roll neck detecting system
- > Fully integrated crack detecting technology
- > Interface to roll shop management system





GEORG ultragrind

Application

- > For steel and aluminium flat products as well as aluminum and non-ferrous foil products
- > For grinding of back-up and work rolls in, with or without chocks and Sendzimir rolls

Technical Data

Roll weight [t]	up to 300
Roll diameter [mm]	max. 2,500
Roll length [mm]	max. 15,000
Grinding capacity [kW]	max. 180

Advantages

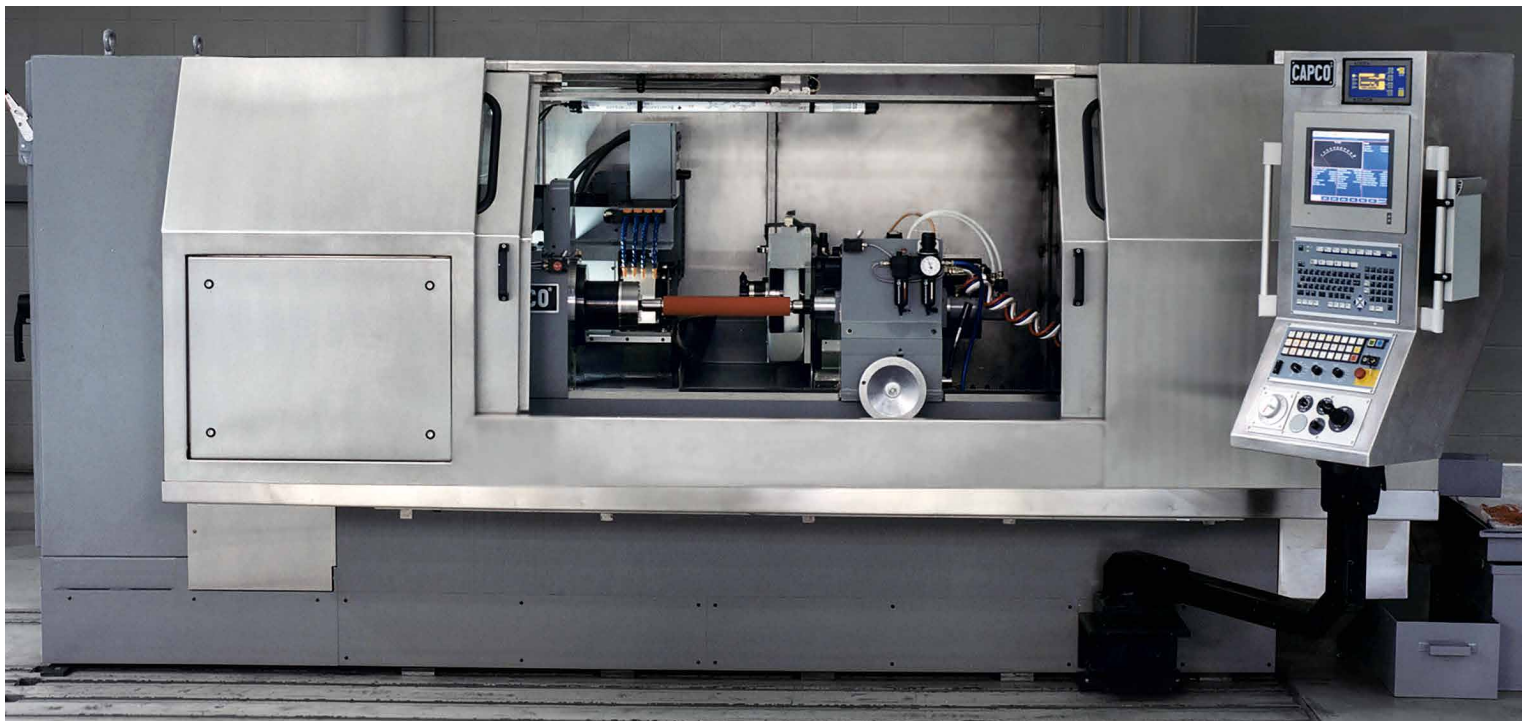
- > High precision in combination with a long lifetime and excellent service are characteristic for GEORG roll grinding machines
- > The displaceable headstock with fixed main axis extends the lifetime and ensures the safe handling during loading process
- > Sturdy machine beds with a third guideway stand for optimum support of the workpiece during the grinding process and offer high grinding capacity with optimum precision
- > Custom-tailored machine design
- > Hydrostatic guides in all axes are wear resistant and require minimum maintenance
- > Hydrostatic grinding spindle
- > The machine is ready for CBN grinding and prepared for future technologies



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By taking over the product portfolio of the renowned American engineering company Capco Machinery System Inc. in spring 2016, we are now able to provide you with a wider range of roll grinding machines. Now, our well-known GEORG ultragrand product range offers you all advantages also in the small roll segment.



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