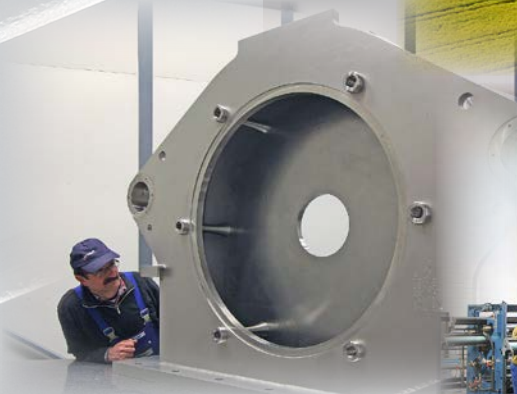


Gradert

Maschinenbau &
Präzisionswalzen

Precision. Quality. Gradert



**GRADERT manufactures for you:
Standard and special rolls
in different surface coatings**

Foil Rolls



Ceramic cooling roll, concentricity 0,002 mm, cylinder form 0,002 mm



Guide roll CFRP/Alu, rubberized with EPDM, Ø 150 mm



Precision roll, chrome, concentricity 0,002 mm, cylinder form 0,002 mm, high accuracy grinded



Cooling roll DW, creasing, Ø 1200 mm, chromed, 70 µm



Aluminium guide roll, Ø 119 x 2800 mm, anodized



CFRP rubber roll, coating EPDM 70 shore, Ø 340 mm x 6100 mm

Print Rolls



Oscillating roll, CFRP/Rilsan/PA11



Film roll/ Rilsan/PA11, Ø 180 mm



Oscillating roll for sheet-fed offset, Rilsan/PA11



PU-Rolls, SW (single-walled), Ø 1200 mm

A selection of our production technology



Millturn of a decoiler shaft on a Millturn M 120



Manufacturing of an Offshore braking system, wind energy, unit weight 5 t



Submerged welding



Induction process

Induction hardening station for components up to 600 x 4000 mm



Handling systems for the aircraft industry
Rubber rolls



Manufacturing of a knife shaft, Ø 500 x 4000 mm



Rubber rolls (f. i. EPDM 70 shore)
Chrome rolls



Spreader roll with special profiling,
Neoprene 80 shore



Chrome-plated cylinder,
high gloss polished, Rz 0,05 µm



Corrugating rolls for a corrugated cardboard machine, tungsten carbide coating

GRADERT manufactures for you: Standard and special rolls in different surface coatings Engineering



Demonstration equipment CORONA,
CEO F. Gradert, Dipl.Kfm. Marc Gradert, Dr. H. Hüttmann



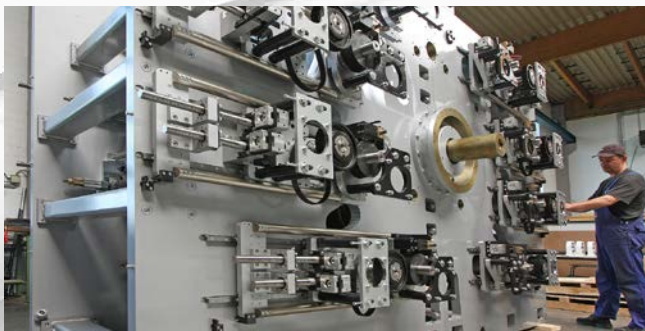
Printing units frame works



Corrugating roll cassette



Coating station



Central cylinder printing machine
completely made by GRADERT



Cooling and stretching calender unit



Cooling calender during assembly



Complete corrugating roll cassette



Slit and turret for print, paper and foil



Single facer - corrugated cardboard machine
during assembly

Cubic parts



Spur-cut special component for the steel industry



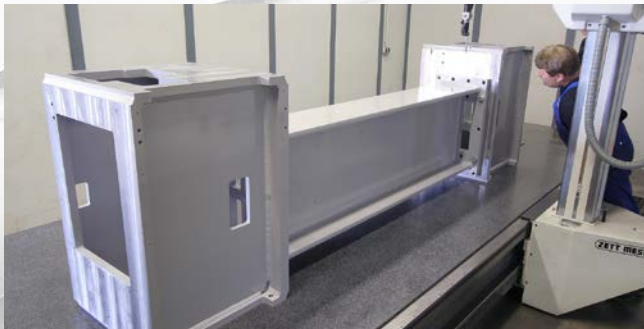
Cutting shaft for the aluminium industry



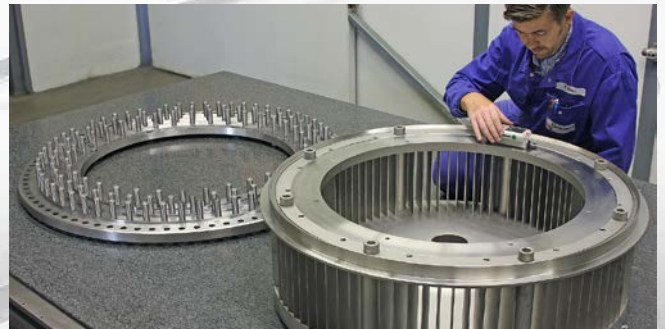
Crank shaft for punching machine,
forging blank, 42 CrMo4



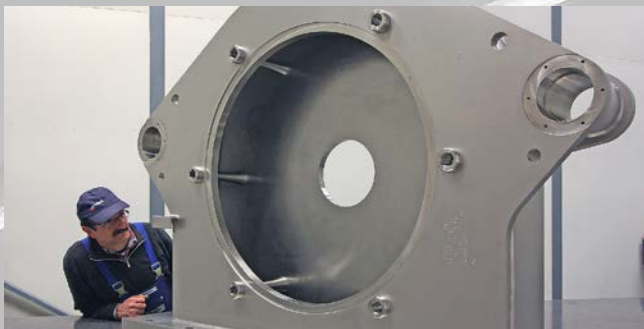
Knife shaft for rotation scissor cut



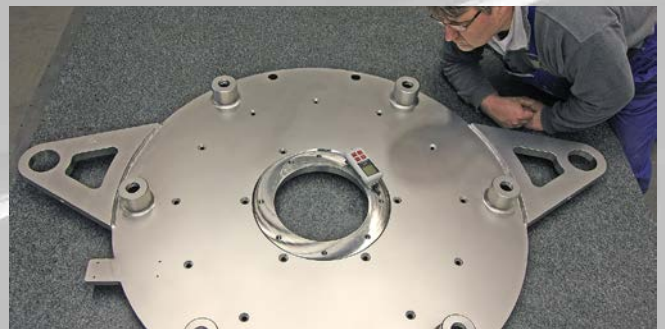
Precision component on measuring machine



Pin disc and classifier wheel for mill construction



Outer casing for a mill, stainless steel



Cover plate for the mill, stainless steel

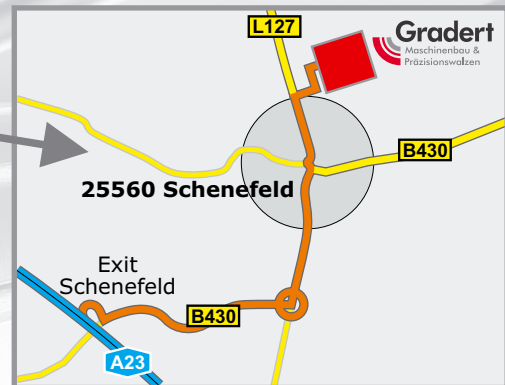
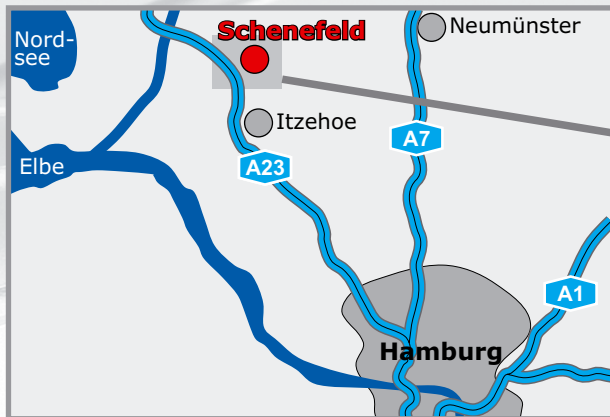


Valves for the oil and gas industry



Cracked gas compressor shaft, chromed, \varnothing 600 mm

You can find us here:



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FGM Fritz Gradert Maschinenbau GmbH & Co. KG is a family-owned company operating worldwide in the metal-cutting field, surface coating and metal welding processes. We are specialists in production and surface coating of high-precision rotationally symmetrical machine components.

Our company has a highly qualified Know-How in the production of cubical machine components. We produce and mount small and large machine components ready to go. Furthermore we develop innovative products and customized solutions for the technical challenges of our customers with great creativity and entrepreneurship. Suitable designs with manufacturing precision will be guaranteed and documented with the latest measurement technology.

A huge customer benefit is our in-house vertical range of production. Our customers receive all complex production processes from one source: from semi-finished products up to high-precision, finished and mounted components. Therefore we are able to react fast and flexible to very different component constructions.

During the whole production period our customers have only one contact person.

The product sector Peters Riffelwalzen manufacture, mount and maintain high-quality corrugating roll modules for the worldwide corrugated industry. We assure a fast supply of spare parts. In emergency situations a technical customer service is available.

An important pillar for our entrepreneurial performance is our qualified, skilled and motivated team. Management board, production board, foremen, specialist worker, design engineers and the production planning department work very closely during the production process. Quality begins with our suppliers. We take care of our relationship with them.

We are one step ahead with our updated manufacturing technology. We invest constantly in our machinery with conventional and computerized systems for turning, welding, milling, grinding and coating. In addition to metals we also work with composite materials (carbon fiber composite materials).

We are a recognized training company and member of the Chamber of Commerce and Industry Hamburg.