

Sundwiger.

- > precision parts in turning and milling
- > state-of-the-art technology



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Sundwiger Drehtechnik (formerly Rittinghaus) sets high standards in the manufacture of precision parts in turning and milling technology.

Ever since 1942, the Sundwiger company, which at present has 160 employees, has specialized in metal cutting and sharings. This long tradition obliges us to keep up our efforts to find innovative solutions and put these concepts into practice.

The goal of our company is to guarantee the satisfaction of our partners worldwide – by fulfilling the needs of our customers and various branches of industry with high standards of production, quality, service and distribution of turned parts.

The finished parts, manufactured in a variety of materials, are to be found in the products of the market leaders and well-known manufacturers in the sanitary industry, heating / air-conditioning technology, the automotive industry, measurement / control / safety technology, pump / machine / plant installation, and a number of other industries.

Sundwiger quality stands for product quality and regard for overall quality.

And by that we mean:

- putting our customers first
- reliability in delivery dates and quantities
- service
- speedy reaction time
- high motivation for quality
- honest dealings and mutual confidence with our clients and suppliers and among ourselves
- competitiveness
- technical innovation
- efficient, stream-lined procedures
- reduction of quality costs
- environmental awareness

We are committed to these goals.



Certificates of quality awarded to Sundwiger



Sundwiger. Take advantage of our know-how and create products for tomorrow!

You can count on choice.

We offer a wide variety of technical possibilities:

- ✔ series production from 500 to more than 1 million pieces
- ✔ turned parts: diameter 4-65 mm
- ✔ insert work pieces: max. diameter 340 mm
- ✔ cutting of the following materials:
 - stainless steel
 - steel
 - aluminium
 - brass
 - ECO-brass
 - red brass
 - copper
 - plastic
- ✔ finishing at customer's request
- ✔ disposition and installation of sub-assembly and finished parts

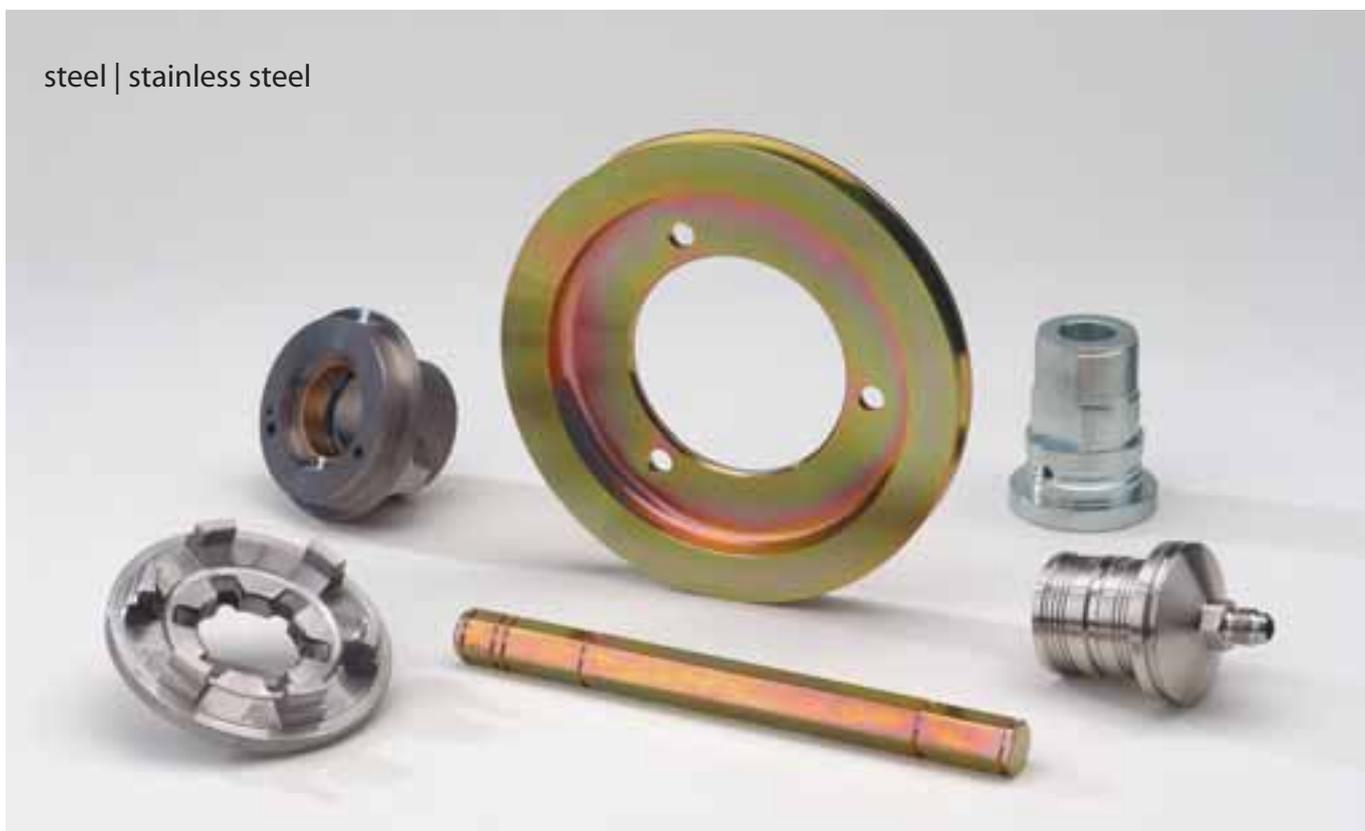


Service geared towards the customer:

- ✔ assistance in construction design and technical consultation
- ✔ development of new processes
- ✔ manufacture of samples
- ✔ kanban / logistics
- ✔ EDIFACT – paperless order processing
- ✔ improvements in handling and packing
- ✔ intensive cooperation in all areas



series production from 500 to more than 1 million pieces
processing of rods: diameter 4-65 mm | insert work pieces: max. diameter 340 mm
materials: steel, stainless steel, aluminium, brass, ECO-brass, red brass, copper, plastic.



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We cut:

- cast parts
- pressed parts
- sawn parts
- forged parts
- sinter parts
- waste - wax cast parts
- profiles

We offer to process materials provided by our customers or by ourselves, in series of small, medium and large sizes. As in the area of turned parts, in this area we also offer our full service; cutting, finishing and installation are possible.

Example: providing, cutting, polishing, welding, brushing, passivating and assembling.

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brass



aluminium



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Precision mirror turning – an exciting technology!



By that we mean:

- ✓ decorative surfaces in brilliant quality – RZ <0.4
- ✓ precision – without turning marks
- ✓ improved quality of your products
- ✓ cutting of brass or aluminium
- ✓ accuracy even with smallest radii
- ✓ precision at sub-assembly joints
- ✓ no after-processing required
- ✓ best basis for high-standard visual surfaces
- ✓ product design to the limits of feasibility
- ✓ high lubricative properties through high precision
- ✓ advantages through excellent adhesion properties
- ✓ no contamination caused by polishing paste
- ✓ reduction of reject costs by surface finishing
- ✓ contribution to a more humane workplace
- ✓ environmentally-friendly production

In short: the higher the quality of the final product has to be, the more sense it makes to use our process. The quality of the final product is significantly improved by incorporating individual parts manufactured with the use of this technology. Our customers have confirmed this; they have been highly successful in just this segment of the market, and they have been enjoying the competitive advantage that comes with improved product quality.

Surface-finishing to our customers' requirements



A varied range of surface-machining and finishing:

- degreasing
- trimming
- hardening
- welding
- soldering
- thread rolling
- bending
- flanging
- vibratory grinding
- electropolishing
- glass bead blasting
- centre grinding and cylindrical grinding
- grinding and polishing
- chromium-plating
- nickel-plating
- chromatization yellow or black
- anodizing
- coating



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Installation technology



Readiness to invest and willingness to master new processes and technologies form the basis for long-standing partnerships.

Our machinery:

- ✓ CNC single spindle milling machines for small and medium series
- ✓ CNC and curve multiple spindle milling machines for large series
- ✓ CNC turning and milling centers – for highly complex parts
- ✓ CNC milling centers
- ✓ special machines
- ✓ CNC after-processing machines
- ✓ special appliances
- ✓ use of robots



Set us a task: we will find innovative solutions.



Our familiarity with proven and new technology enables us to fulfil all expectations.

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Demands on a product grow with increasing technical feasibility. So naturally high demands are made on our equipment in form of machines and measurement technology.

Product quality does not mean just the precision measurement of produced goods and the rejection of imperfect items, but rather the mastery of the finishing process.

Quality is teamwork. Motivation of our team members through their involvement in the production processes ensures a high level of flexibility. On-going and further training are the standard procedure.

Nothing is wasted at Sundwiger Drehtechnik. With economy and ecology in mind, we keep a watchful eye on the use of materials, technology and time.

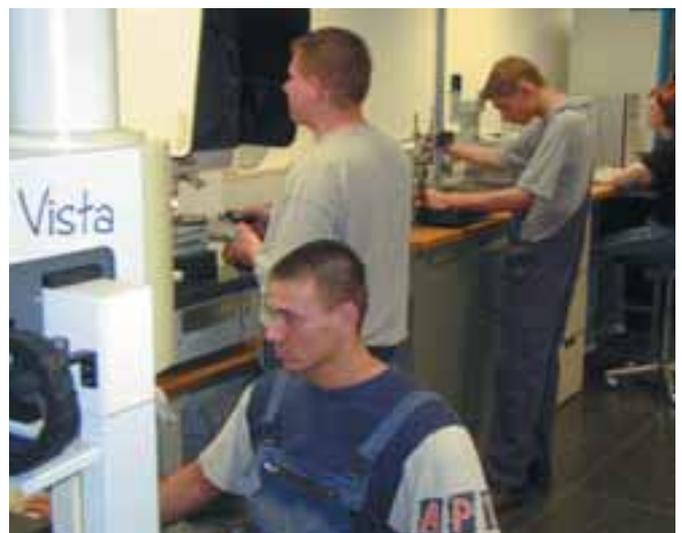
Environmental concerns have a permanent place in our company policy. Every year an environmental balance sheet is provided and environmental goals are set. Examples of environmental awareness at Sundwiger Drehtechnik include the grease-removal process in a closed circuit with distillation of the cleaning material. In the finishing line we use vacuum machines with heat for reuse as output. Attention is given to mild treatment of all materials.

The present state of our know-how and its ongoing development guarantee added value to the advantage of our customers, both today and in the future.

We achieve the required standards of product quality through:

- ✔ high-quality machines
- ✔ excellent trained and motivated employees
- ✔ up-to-date manufacturing technology to achieve process capability
- ✔ competent tool-management
- ✔ trained handling
- ✔ modern methods of testing and measurement

**Made in Germany.
Made by Sundwiger.**



Apprentices learning on the job.



*300 years industry in one location.
Old and new united in harmony.*

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