

KERN Maschinenbau turns 25

25 years at the top – KERN says “Thank You”



The very first Kern machine resulted from a deficiency. The young job-shopper, Kurt Kern, just wanted to complete his order. But because none of the existing machines were precise enough for his purposes, he developed his own machine. This so began a long success story in the field of mechanical engineering. Our machines have matured a great deal since then. KERN's current product portfolio covers all your application needs - whether you are involved in building prototypes at the development stage or in fully automated series production, you can count on our machines. We aim for the highest levels of precision, sturdiness and suitability for everyday use – and we do not make compromises. In our job-shop, we run twelve of our own machining centers, 24 hours a day, seven days a week to produce high precision mechanical components. Every single item meets the same high standards of tolerances and surface qualities, whether it is produced on a Monday or a Saturday.

We owe it to you, our customers, that we have come this far. And as a token of our thanks and in return for your loyalty and trust, we would like to present you the special edition

KERN twenty five

**ultra precision CNC machining centre
with ± 0.0005 mm positioning**

- ▶ Travel X/Y/Z 300/280/250 mm
- ▶ High frequency spindle, 500 – 50,000 rpm with vector controls and cooling system
- ▶ Tool changer for 32 tools, with about 3 seconds tool changing time
- ▶ Electronic handwheel
- ▶ Touch probe system for measuring of the workpiece
- ▶ Laser tool measurement
- ▶ Coolant device with temperature control (alternatively: oil mist lubrication)
- ▶ Extraction unit (electrostatic) for oil and emulsion mist
- ▶ Preparation for retrofit of 4th/5th axis
- ▶ Preparation for automatic workpiece changer
- ▶ Three day operator training in our new technology centre in Eschenlohe

Delivery: 3 months after confirmation of order



**A limited number of the special edition
KERN twenty five will be available until fall 2008.
Please ask us for a quotation.**

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Come to meet us and find out more about our manufacturing concepts first hand. You are very welcome to visit us at our new manufacturing facilities to the south of Munich, in one of the most beautiful regions of Germany, located between mountains, lakes and the big city.

We look forward to seeing you here!