



Press Release - KNUTH at Intec 2015

Experience STAHLWERK live

**KNUTH presents new CNC Premium Line at the Intec 2015
Hall 3, Booth F67**

KNUTH, one of the leading full-range machine tool suppliers, will present highlights from its 2015 program at the Intec. At the center of its presentation is KNUTH's own **STAHLWERK Premium Line**, a series of production-level machines with superior quality, performance and service.

Intec visitors can experience a live demonstration of 2 machines from the extensive STAHLWERK series that includes 80 machines:

The **STAHLWERK LUPUS 520L** - a 3+2-axis machining center in a class of its own. The perfectly machines Meehanite machine frame features superior rigidity and space for component widths up to 1020 mm. With 12000 rpm, even the heaviest workpieces with weights up to 900 kg are crafted into an exacting shape. Optional glass scales further improve the already high repeatability. Rapid feeds up to 36 m/min shorten machining times.

The **STAHLWERK MERKUR 225R CNC Lathe** - the base machine of the MERKUR Series with its ideal machining dimensions is the all-rounder in the STAHLWERK PREMIUM LINE. MERKUR turning centers include servo-driven tool turrets with optionally 4 driven tools and up to 5000 rpm to allow efficient complete machining of workpieces with center widths up to 540 mm. A powerful drive with up to 18.5 kW allows full utilization of the latest tool technologies, and linear guides ensure a maximum degree of precision.

Top News from the extensive KNUTH Machine Tool Program 2015:

Numturn 500 CNC - This addition to the successful lathe series offers even more power to meet the demands in the production of larger, heavier workpieces. An automatic 8-station VDI tool turret ensures maximum flexibility and productivity. All machines are equipped with hydraulic chucks. Controls and ergonomics correspond to the current Numturn generation and emphasize the intuitive control design of this series.

The **Servomill 700** stands for a new generation of conventionally operated milling machines made by KNUTH. Electronic components are made in Germany and their sophisticated design makes conventional milling easier, more precise, and more efficient. Servo-conventional machines offer a wide variety of features that set new standards for ease of use.

Feed, rapid feed, and spindle speed are infinitely variable.

Easy to operate hand-wheels can be adjusted for a higher resolution - you never have fed your parts with such precision. Joystick technology eliminates unnecessary cranking during manual positioning. Preloaded ball screws with zero tolerance, and integrated position indicators with glass scales add to the precision of this technology.

Full utilization of the newest tool technologies for conventional machines is made easy by unique constant cutting speeds and load indicators at the main spindle motor. Electronic stops on all axes round off the package.

About Knuth Machine Tools

KNUTH Machine Tools is a leading supplier of conventional and CNC-controlled machine tools. The great success of our business is based on highest quality standards, technology innovations, many decades of experience and very competitive pricing. Our network of German and international branches and dealer locations ensures worldwide accessibility for our customers at a local level, market-covering presence, expert consultation and prompt service. For detailed information and specifications on our complete portfolio, please browse the KNUTH website at www.knuth.de.

KNUTH Machine Tools

Media Contact: Barbara Knuth
Schmalenbrook 14
D-24647 Wasbek
b.knuth@knuth.de
Tel. 04321 / 609-0
www.knuth.de

For complete information about KNUTH at the Intec, see:
<http://www.knuth.de/cms/messe-intec-2015.html>