

**Dear Knuth Customer:**

The KNUTH Catalog 2016 is now available!

With the successful introduction of its STAHLWERK Premium Line, KNUTH sets new standards for quality and technical innovation in its new 2016 catalog.

The 2016 catalog program was further optimized and expanded with exciting new products and updates to existing models. The KNUTH Catalog is a catalog classic in the machine tool industry, providing a virtually all-encompassing overview of all areas of metal working.

Our entire portfolio is now linked much tighter to our on-line content, and complex product lines that include many different versions are presented in a clearly laid out structure.

Now you can look up our most current price offers any time on-line at [www.knuth.de](http://www.knuth.de).

We take advantage of the industry's dynamics, focus on continuous advancements, while remaining a reliable partner to our customers ensuring our mutual success.

Mike Kutzner, Catalog Editor

**Servo-Conventional Machining**

- Servo-conventional machines have proven themselves in practice and will be continuously advanced with exciting new versions. The compact Servomill WF 4.2 Milling Machine has all the right features to become the newest bestseller in this series.

**Plasma Cutting Systems**

- The **Plasma-Jet DSL** represents the new generation of premium plasma cutting systems featuring Hypertherm technology and is available in a wide variety of sizes and feature packages allowing customized configurations for every need - from the standard machine all the way to a powerful 5-axis cutting system. From oxy-fuel flame cutting to tube machining, marking, and labeling - the feature and software packages leave nothing to be desired. Plus, there are KNUTH Cutting Technology Experts that will share their expertise to help customers find the perfect solution for their needs.
- **Plasma-Jet DSL Compact** - Machines in the compact series feature excellent cutting power and are available in various equipment packages: High quality, small footprint, and low capital investment for a complete package offer that is hard to beat.

**Water-Jet Cutting Systems**

- **Hydro-Jet Vario** Water-jet cutting systems cover many areas of application and can easily be upgraded for: 2D cutting -  
5-axis cutting - taper control - tube machining - marking and labeling

**Laser Cutting Systems**

- The **Laser-Jet HD** is a new, very *cost-effective alternative* for cutting large size plates. Proven IPG Fiber Laser – This technology is available in six versions with up to 3150 W and offers

maximum cutting efficiency in stainless steel, aluminum, copper alloys, and other metals with high reflectivity. This series' wide spectrum of applications can be further enhanced by a changer table system, tube machining fixtures, and additional options.

## Vertical Machining Centers

- **New X.Mill M640 and X.Mill MM 700**

KNUTH Machining Centers feature a mineral-casting frame and have a proven record for excellent machining performance. We have enhanced our X.Mill M640 high-volume model with a mineral-casting base, making this machine a true highlight in this class of machines.

Customers repeatedly requested special configurations of the X.Mill MM 700 series to meet their die making requirements. We listened and implemented this custom configuration in a series model featuring the high stability of a mineral-casting frame and a precision high-speed spindle for superior machining results.

## Sheet Metal Work

- **KHT M = Hydraulic Swing-Beam Shears** with controlled rear stop. Reliable and proven technology combined with power and stability. Upon request, these models are available for cutting lengths up to 8000 mm and high cutting capacities with a very attractive price/performance ratio.
- Four new series including various **Hydraulic Presses** for truing, stamping, forming and deep-drawing expand our growing program. The presses are made in Europe and their base model can be expanded in many ways, including upgrades to special geometries for custom manufacturing solutions.

## New Surface Grinders

- The HFS NC impresses with its perfectly machined high-quality components. Easy plain-text programming and an automatic truing cycle make these machines to one of the most exciting new series on the market.
- The HFS B series has only been on the market for several months and already is widely accepted for its heavy, solid design. Grinding capacity ranges from 500 x 250mm to 600 x 2000mm and all machines come with an extensive standard equipment package, including magnetic clamping plate, position indicator, linear scales and much more.

## Perfect for Training

- LabTurn and LabCenter are perfectly suited for CNC training, but also for production of complex workpieces in small batch productions. Both machines feature a small footprint, high productivity and modern CNC technology to perfectly round off our KNUTH Campus CNC training program.

## Automatic Lathe

- **LineaLunga 26D** - This Swiss-type Automatic Lathe features a main spindle, sub-spindle, and driven tools and underwent a model update to provide even longer turning lengths and a larger workspace without compromising its excellent price/performance ratio.

## KNUTH Machine Tools

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