Jouhsen-bündgens at Wire 2018:High-tech wire processing leads to excellent results

## PrecisionCut UD2 and PrecisionShape EB9 offer careful processing and simple machining

### Jouhsen-bündgens will present its machines for high-precision straightening, cutting and machining of wire at Wire from April 16 - 20, 2018 in Düsseldorf (hall 11, stand 11G52). On show will be the modified PrecisionCut UD2, with its rotary straightener with nozzles for materials with sensitive surfaces, and the new PrecisionShape EB9 for the end machining of straightened and cut parts.

### PrecisionCut UD2 – For wires with sensitive surfaces

The proven PrecisionCut UD2 straightening and cutting machine is now suitable for an even wider range of uses. It can be fitted with an optional rotary straightener with nozzles. The special shape of this straightening unit makes it possible to carefully process wires with highly sensitive surfaces by significantly reducing the friction between the wire and the straightener. One of the UD2’s characteristic features is the flexible module system, which allows users to attach a range of additional straightening units. This ensures high flexibility with short changeover times. The machine can therefore be used for a wide range of materials. It can efficiently process materials with different strengths, surfaces and diameters. Depending on the version, the UD2 is suitable for short and long sections of 5 to 4,000 millimeters, and for wire diameters between 0.05 and 4 millimeters. The maximum stroke rate is 500 rpm.

### PrecisionShape EB9 – For fast and simple machining

The PrecisionShape EB9 is the perfect machine when it comes to machining parts that have been straightened and cut to length. The new machine lets users process parts measuring 4-10 millimeters in diameter and 50-150 millimeters at both ends. To machine the ends of rods, axles or shafts, the EB9 has a pair of processing heads that enable fast and flexible tool insertion via a HSK holder. The EB9’s mechanical drive system makes it a cost-effective solution that is easy to handle, service and retool.

Special solutions for wire processing  
From straightening and cutting to electro fission and end processing, from cold forming to point grinding, Jouhsen-bündgens machines process wire with tight tolerances at high speed. As components become ever smaller, demand for technology from Jouhsen-bündgens is growing. The company’s machines are used to process components for the electronics or automotive industries, such as drive and cam chains, pins or bearings. Jouhsen-bündgens products also find use in the medical sector. Here, lancets, cannulas and surgical needles are cut, ground and loaded into magazines, often at a rate of thousands per minute.

### About Jouhsen-bündgens

Speed and precision equals efficiency. This is the simple principle behind Jouhsen-bündgens Maschinenbau GmbH, based in the town of Stolberg near Aachen in western Germany. Active around the world, Jouhsen-bündgens successfully focuses on high-precision machinery for wire processing and filling systems.   
Through a combination of engineering expertise, German reliability and decades of experience, Jouhsen-bündgens precisely manufactures customized solutions for a range of applications, from medical engineering and ball bearings to consumer goods. The company’s highly qualified team of experts works to get an understanding of the respective processes. This results in reliable machines that meet customer requirements.

**Text captions**

PrecisionCut UD2 processes wires with sensitive surfaces

Fast and simple machining with PrecisionShape EB9

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