



Press Release

Schütte uses KELCH KENOVA set line H3 for tool presetting

Integration into Industry 4.0 processes

Weinstadt, 10. February 2021 – Schütte GmbH & Co. KG has expanded its new centrally equipped Tool Presetting Centre with a compact KELCH KENOVA set line H3 tool presetter. The aim of the centralisation is to make processes more efficient and connect them to Industry 4.0 processes in production. Since it was commissioned, the KENOVA set line H3 is also being used for a world first: the ECX 46 / 65 – Schütte’s first single spin automatic.

In the course of internal restructuring, the Schütte Tool Presetting Centre was moved to a central space for the presetting of cutting tools. The KENOVA set line H3 is used as an Industry 4.0-capable tool presetter, which KELCH had developed working closely with Schütte. “We are the global technology leader in multi-spindle automatics,” explains Frank Erbstößer, Head of the Tool Presetting Centre at Schütte: “Our quality standards are correspondingly high and we monitor all critical production machinery daily.”

Intelligent networking – excellent repeatability

The KENOVA set line H3 tool presetter enables it to be connected to tool management systems as well as to many other interfaces, making it compatible with Industry 4.0 applications. Data is available more quickly and there are no read errors, meaning that Schütte benefits from greater process reliability. Logistics processes can be optimised as production has flexible access to the data. The tool presetter also features an intelligent image processing and a camera system. “The measuring distances of this model, X = 420 mm x Z = 300 mm, are perfectly tailored to our multi-spindle automatics product group,” stresses Frank Erbstößer. The KENOVA set line H3 also provides for manual one-hand operation of the X and Z axes with endless fine adjustment for µm-precise fine adjustment of the X and Z direction.

The EASY software also supplied enables data set on the KENOVA set line H3 to be issued by label printing, online data transfer, connection to tool management systems, CAM systems or by means of a QR code. Bastian Birkenfeld, KELCH Regional Sales Manager and Technical Application Consultant explains: “We are pleased that Schütte is carrying out its Industry 4.0 processes with the latest generation of our tool presetters.”



The modular KELCH i-tec® M shrink fit device is also used in Schütte's centralised Tool Presetting Centre, which also contributes to efficient processes in the production of multi-spindle automatics with its almost instant heat-up and patented contact cooling technology. Schütte also uses the KELCH VariTUL tool transport trolley for workshop logistics.

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KELCH GmbH, based in Weinstadt near Stuttgart, offers peripherals and services for manufacturers and users of machine tools for cutting processes. With over 100 employees, the company generates annual revenue of approx. €13 million. As a fully owned subsidiary of Harbin Measuring & Cutting Tool Group Co., Ltd. (HMCT), Harbin/China, KELCH is part of the China General Technology (Group) Holding Co., Ltd. (Genertec), Beijing. Genertec is represented in 100 countries worldwide, with 45,000 employees in 51 companies. KELCH GmbH acts as the technology centre for the international business group in Europe. KELCH develops, manufactures and markets tool holders, cleaning devices, shrinking devices, presetters, as well as measuring machines, and also offers tool management services. More information at www.kelch.de

Alfred H. Schütte GmbH & Co. KG is a leading global manufacturer of machine tools. The company produces multi-spindle automatics and 5-axis CNC grinding machines and is represented worldwide with these products through subsidiaries, marketing companies and trading partners. More information at www.schuette.de

KELCH

Image material:

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Captions:

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(from left:) Bastian Birkenfeld of KELCH demonstrates label printing on the KENOVA set line H3 to Schütte's Frank Erbstößer.

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(from left:) Frank Erbstößer (Schütte) with Bastian Birkenfeld (KELCH) standing at the control panel of the KENOVA set line H3 tool presetter.

KELCH_ChristianAhrens_DSF0583.jpg:

The new Tool Presetting Centre at Schütte with two KELCH tool presetters and the VariTUL tool transport trolley.

Image source:

Kelch | Christian Ahrens

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