



Press Release

KELCH retrofitting service future-proofs used tool presetters

Sustainable solution for IT migration

Weinstadt, 10th June 2021– Customers have been using many tool presetters from the successful KENOVA set line range for years, some for decades. They are particularly durable by being produced in stable grey cast iron or even mineral cast composite. The KELCH retrofitting service offers these customers a general overhaul of this equipment, which brings it up to the state of the art cost-effectively and sustainably – and even makes it Industry 4.0-compliant depending on the model.

There is always a focus on a general overhaul when companies are considering modifying their IT infrastructure, changing PCs or upgrading their instruments for networking within digitalised structures. “Many companies would like to integrate their equipment into Smart Factories and the cloud. In these cases, retrofitting is a lasting and cost-efficient solution, as the solid basic body is the most energy-intensive component in production. During a retrofit, we replace the critical components, such as camera technology, PCs or drive assemblies, and switch to the current software – and the customer usually has a sustainable virtually new, more intelligent device within a day,” reports Viktor Grauer, member of the Executive Board and Head of Innovation Management at KELCH

Upgrade for older versions

The retrofitting service promise applies to almost all generations of KELCH tool presetters still in use. Even the Kalimat and Trabant models, some of which were manufactured before 2000, can be successfully upgraded. “Our tool presetters are durable and have a long service life. With regular maintenance, they continue to operate outstandingly even after decades. And there’s more: the cast components become better and better over the years – the older they are, the less warpage can occur,” explains Viktor Grauer. The reason for the long service life of the equipment is the high level of tool presetter design and development expertise within KELCH. The stable cast body and the tower are considerably less sensitive to temperature changes and machine vibrations. The resource-saving mineral cast composite used in the V9 instruments could be recycled at the end of its life and thus reused. Another major contributing factor to the longevity of our devices is the unrivaled stability and precision of the presetter spindle, also designed and built by KELCH. Special equipment of all kinds can also be retrofitted.

KELCH

New functions and interfaces

When replaced, many components can be integrated with new functions, making the equipment compatible with Industry 4.0 standards and future-proofing it, thanks to the interface technology. A further benefit is the fact that companies do not need to procure new equipment for a retrofit. As a system supplier with over 75 years of experience, KELCH offers an individual consultation in addition to the general overhaul, for instance when companies are considering integrating a used device into a new IT environment or into recently networked processes. KELCH also has an extensive range of additional components, software and accessories facilitating customised extensions and adaptations.

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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

Image material:

Image 1: KELCH_Retrofit_01_print.jpg



Image 2: KELCH_Retrofit_02_print.jpg



Image 3: KELCH_Retrofit_03_print.jpg



Captions:

Image 1: Retrofitting is part of KELCH's sustainability concept, which involves a whole host of other measures: environmentally-friendly production, long product service lives, eco-friendly heating, low energy consumption, an eco-friendly fleet of company cars, and sustainable packaging.

Image 2: Günter Schwegler, responsible for After Sales Service at KELCH, showcases the company's retrofit service on a Sirius C tool presetter.

Image 3: Retrofit of a KELCH Sirius C series tool presetter.

Image source:

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