Oberkochen, May 2025

**More cleanliness and safety in production: The new planer/profile cutterhead with closed hydro clamping system from Leitz**

**More and more users in the planing mill sector are attaching importance to clean, low-maintenance production processes - the demand for modern, user-friendly tool solutions is becoming increasingly louder, especially in industrial wood processing. Leitz meets this demand with an innovative further development: The new planer/profile cutterhead with closed hydro clamping system combines state-of-the-art technology with user-orientated design - for more sustainability and process reliability.**

**Closed clamping system for clean processes**

Open hydraulic clamping systems often have undesirable side effects such as grease contamination on the machine or workpiece. To meet these requirements of the woodworking industry, Leitz has opted for a closed hydraulic clamping system. The result: significantly cleaner working environments, reduced cleaning effort and a consistently high-quality machining result.

**More safety and reliability thanks to innovative clamping technology**

Reliable processes and a high level of occupational safety are essential in modern production. The new cutterhead therefore boasts a sophisticated safety feature: an integrated pressure indicator that provides information on the correct clamping pressure at all times. This significantly reduces the risk of assembly errors or unexpected machine downtime. In addition, a special surface treatment of the hydraulic bush ensures that the cutter head can be mounted and removed effortlessly at any time without getting stuck on the spindle.

By using the tried and tested Leitz Marathon planer knives, the new cutterhead achieves up to six times the tool life of conventional HS knives. At the same time, resharpening costs are reduced by up to 80 percent - as are machine downtimes. For the user, this means a significant reduction in ongoing operating costs while maintaining the same high quality.

**Variety in the system - maximum flexibility for every application**

The further development from Leitz offers the right solution for every requirement. The tool can be individually configured for a wide range of cutting edge variants. Whether smooth planing knives (3 mm), back-serrated versions (5 mm) or profile blanks (8 mm):. The generous diameter range from 135 to 400 mm enables use on a wide variety of four-sided planing and profiling machines. The high-performance MC cutting material is used as standard; HS or HW knives are also available as options. This means that the cutterhead can be used for processing both softwood and hardwood.

As with all Leitz tools, sustainable alignment plays a major role in the new tools as well as efficiency and precision. Thanks to the closed hydraulic clamping system and the resulting minimised grease consumption, not only the machines are protected, but also the environment. In addition, the specially coated surface of the tool body ensures exceptional resistance to chemical stresses. This significantly extends the tool's service life and noticeably reduces maintenance costs.

The new planer/profile cutterhead with closed hydro clamping system is a prime example of Leitz's innovative strength and uncompromising quality. It combines precision with sophisticated user-friendliness, sets new standards in tool hygiene and actively contributes to reducing operating costs.

**The company**

Founded in 1876 in Oberkochen, Southern Germany, the Leitz Group is the worldwide leading manufacturer of tools for industrial processing of wood, wood derived materials, plastics, compound materials and non-ferrous metals. The product spectrum covers the complete range of precision tools for automated machines. In a complete package of advisory services, approximately 3,000 employees pass on their experience of cutting tools to customers so meeting daily the requirements of a complete problem solver and producing service provider. Leitz products regularly are used in more than 150 countries.. Together with its two legally independent sister companies Boehlerit and Bilz, Leitz forms the globally active Brucklacher Group. With a total of 16 production sites, its own sales and service companies in 38 countries at 137 locations and an exclusive partner network, the Brucklacher Group is a global player represented on all continents. The Brucklacher Group employs over 4,000 people worldwide and generates an annual turnover of around 450 million euros.

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ill. 1: The new planer/profile cutterhead from Leitz with closed hydro clamping system and integrated pressure indicator prevents grease contamination, increases process reliability and enables simple, safe handling. (Photo: Leitz)