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**Leitz HeliPlan - Proven quality now with wear-protected tool body**

**With the HeliPlan, Leitz offers a high-performance tool for a wide range of applications in different areas. The established jointing cutterhead has now been given a significant upgrade: a version with a wear-protected tool body ensures even greater stability and investment security - especially for processing demanding, abrasive materials. The result: first-class machining quality combined with a significantly longer tool life for the tool body.**

A central focus during development was on reducing wear - particularly in the gullet area of the tool body, which are often weak points in conventional tools. The HeliPlan tackles this problem with an innovative, wear-resistant design that offers both economic and safety-related benefits. Less maintenance, lower replacement costs and increased productivity emphasise its contribution to increasing efficiency and conserving resources in industrial production. At the heart of the HeliPlan are high-strength carbide inserts in the gullet area, which specifically protect those zones that are particularly susceptible to abrasion. This ensures that the tool body remains stable over the long term, even with intensive use - a clear advantage in terms of durability and investment security.

**Powerful and quiet during operation**

In addition to its robustness, the new cutterhead impresses with its proven HeliPlan features, such as particularly low-vibration and energy-efficient operation. The innovative cutting edge arrangement reduces the noise level by up to 10 dB(A) compared to conventional cutterheads with straight cutting edges - a significant contribution to health protection and working comfort. At the same time, it ensures even force distribution and reduces the machine's energy consumption - ideal for modern production environments where sustainability and efficiency are equally important.

Despite its ability to work reliably even with rough cutting tasks, the HeliPlan delivers results at a high level: thanks to cambered cutting edges, additional cutting angles and precisely manufactured insert seats, the tool achieves excellent finish qualities even with heavy chip removal. This makes the HeliPlan suitable for both pre-finishing and final fine sanding - a real all-round solution. The TC cutting edges used achieve up to five times the service life of HS cutting edges and can also be turned four times - this increases efficiency and significantly reduces maintenance intervals.

**Technical diversity meets ease of use**

Available in a wide range of diameters from 100 to 280 mm, the HeliPlan fits into all standard planing and profiling systems. For even greater precision, a hydro version is available as an option, which ensures exact centring on the machine spindle and therefore greater concentricity. The clever design of the blade clamping - completely without pressure jaws - enables quick blade changes and easy handling, ideal for frequent blade changes. With the HeliPlan Upgrade, Leitz is launching a tool that combines technological excellence with economic benefits and sustainable thinking.

**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 HeliPlan impresses with its wear-resistant design, low-vibration operation and first-class processing quality - ideal for demanding applications in wood-based and composite material processing. (Photo: Leitz)



ill. 2: Detail drawing of the knife holder including wear protection plate (Photo: Leitz)