

Digital, efficient, flexible – BENZ Tooling presents innovations for woodworking

As a specialist for CNC units, tool systems and machine technology, BENZ Tooling supplies innovative solutions for companies in all sectors of wood and composite processing. The latest product highlights will be presented at LIGNA 2025.

Under the slogan **“Passion for Machining - Your Partner for CNC Units”**, BENZ Tooling will be presenting the latest product innovations in woodworking at LIGNA from May 26 to 30, 2025. Two of the highlights include new products in the field of nesting: the space-saving wonder SMART NESTING and the optimized SOFFIARO blowing nozzle unit open up new dimensions for innovative and efficient production processes. The experts from BENZ Tooling will be available on site to provide individual advice in order to find the perfect solution for every application.

SMART NESTING – Horizontal drilling and milling in smallest processing spaces

BENZ Tooling is setting new standards: horizontal drilling and milling in the smallest machining spaces can finally be realized by machine. The new SMART NESTING product enables precise machining in the narrowest grooves and recesses directly on the machine – without a second clamping or the use of additional equipment. Complete machining in a single clamping operation also ensures greater accuracy.

With a spindle speed of 20,000 rpm and a torque of 2 Nm, machining operations are carried out quickly and efficiently.

Another highlight is the integrated blow nozzle, which first cleans the nest and then blows out the drill hole. The compact design guarantees maximum flexibility, as the unit fits on all known tool change units with holders for units.

SOFFIARO – Efficient cleaning thanks to optimized blowing nozzle unit

The new trimming unit with blowing nozzles cleans processing areas even more effectively and reduces production costs by regulating the compressed air on the unit itself. The tool holder enables flexible use thanks to the combination of collet and hydraulic chucks. Therefore, both the use of a variety of cutting tools and high concentricity can be achieved. A shortening of the design by 40% and an optimized bearing ensure smooth and vibration-free running. The tool can optionally be equipped with minimum quantity lubrication or several blowing nozzles. High-

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quality ceramic bearings ensure the blowing nozzle unit is extremely durable and has a long service life.



CATENO F – Completely new machining options with improved mortising chain unit

Maximum precision – BENZ Tooling presents its new mortising chain unit for cutting and setting very deep and shallow pockets. The automated chain tensioning system ensures that no additional chain lubrication is required, keeping the surfaces of the workpiece clean even during processing.

Digital nameplate BENZ i.tag: All tool data at a glance - quick and easy

With BENZ i.tag, the digital nameplate, product data can be accessed on a mobile device any time and from anywhere. Thanks to the quick and easy handling, no special software is required, as the information is managed securely on an NFC tag. A contact function via online form, e-mail or telephone makes it possible to get in touch with BENZ Service directly. By saving paper, BENZ i.tag supports the digitalization of processes and facilitates the sustainable handling of technical data and documents.

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Images

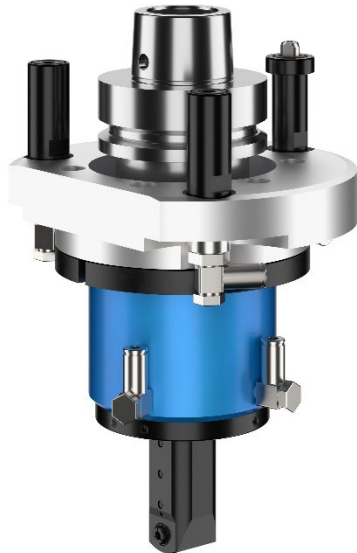


Image 1: Horizontal drilling and milling in the smallest processing spaces with SMART NESTING



Image 2: Efficient cleaning thanks to optimized SOFFIARO blowing nozzle unit

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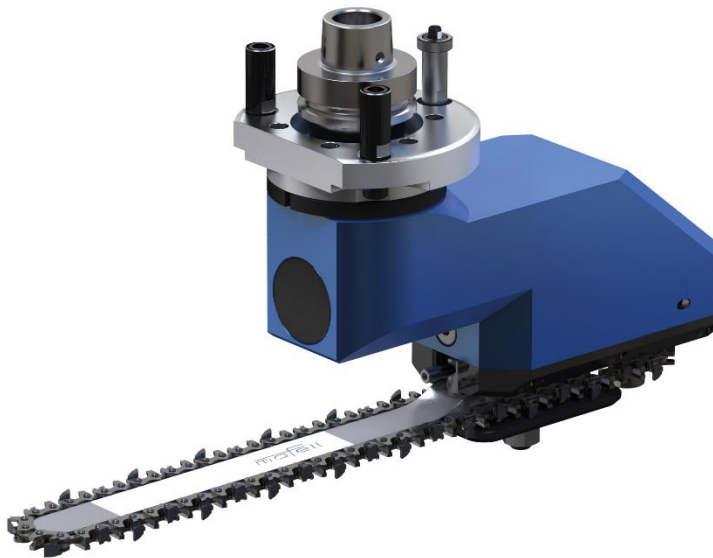


Image 3: Completely new machining options with improved CATENO F mortising chain unit



Image 4: All tool data at a glance with the BENZ i.tag digital type plate

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About BENZ Tooling

BENZ Tooling is one of the leading system partners in the development and production of CNC units for the metal, wood and composite material processing industry. The sophisticated product portfolio, which is characterized by its recognized high quality, includes static and driven tools, changeable units such as angle heads, multi-spindle drilling heads and high-speed spindles, the modular quick-change systems BENZ Solidfix® and BENZ CAPTO™, broaching units, large drilling heads, motor spindles as well as 2- Axis NC heads. The symbiosis of modern management and creative engineering turned the traditional company with over 300 employees into an innovative growth company.

Disclaimer

This press release contains certain statements relating to the future. Future oriented statements are all those statements that do not pertain to historical facts and events or expressions pertaining to the future such as "believes", "estimates", "assumes", "forecasts", "intend", "may", "will", "should" or similar expressions. Such future-oriented statements are subject to risks and uncertainty since they relate to future events and are based on current assumptions of the Company, which may not occur in the future or may not occur in the anticipated form. The Company points out that such future-oriented statements do not guarantee the future; actual results including the financial position and the profitability of BENZ as well as the development of economic and regulatory framework conditions may deviate significantly (and prove unfavorable) from what is expressly or implicitly assumed or described in these statements. Even if the actual results of BENZ including the financial position and profitability as well as the economic and regulatory framework conditions should coincide with the future-oriented statements in this press release, it cannot be guaranteed that the same will hold true in the future.

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