

■ FUTURE OF WOOD PRODUCTS INDUSTRY

The future of the wood products industry is likely to be shaped by a variety of trends and factors, including sustainability, innovation, and changing consumer preferences. Here are a few potential trends and developments that could shape the industry in the coming years:

Sustainable sourcing: As consumers become more conscious of environmental issues and the need for sustainable products, there is likely to be increasing demand for wood products that are sourced from sustainably managed forests. This could drive changes in the way that wood products are harvested and processed, with a greater emphasis on responsible forestry practices and certification schemes like the Forest Stewardship Council (FSC).

Advanced manufacturing techniques: Advancements in manufacturing technologies such as robotics and automation are likely to have a significant impact on the wood products industry. These technologies can help streamline production processes, increase efficiency, and reduce waste, while also enabling greater customization and flexibility in manufacturing.

New product development: The wood products industry is already seeing the development of new, innovative products like cross-laminated timber (CLT) and laminated veneer lumber (LVL) that offer superior strength and durability compared to traditional wood products. This trend is likely to continue, with companies investing in research and development to create new products that can compete with materials like concrete and steel in a range of applications.

Digitalization and data analytics: As with other industries, the wood products industry is likely to become increasingly digitalized, with companies using data analytics and other digital tools to optimize production processes, improve supply chain management, and enhance customer experiences.

Circular economy initiatives: The concept of the circular economy, which aims to minimize waste and maximize resource efficiency, is likely to become increasingly important in the wood products industry. Overall, the wood products industry is likely to continue to evolve and adapt to changing consumer preferences, technological advancements, and sustainability concerns in the coming years.



Source: https://ligno.com.ua/en/news/92_future-of-wood-products-industry.html

■ EVOLUTION 7405 PINJET CNC MACHINING CENTER FROM HOLZ-HER

Another innovation from HOLZ-HER to take the industry by storm. An all-rounder can now do even more as the EVOLUTION 7405 PinJet CNC machining center from HOLZ-HER also sets fully automatic wooden dowels.

HOLZ-HER GmbH from Nürtingen near Stuttgart, part of the Weinig Group, has stood for innovative woodworking machines for more than 100 years. Among other things, the vertical CNC machines of the EVOLUTION series offer unique, patent-pending solutions for the complete machining of workpieces. One of the latest examples of Swabian engineering is the EVOLUTION 7405 CNC machining center, which can be recognized by the “PinJet” extension to its name.

According to the Nürtingen-based company, the EVOLUTION 7405 PinJet not only enables absolutely precise milling of all four workpiece edges and thus the complete formatting of panel material on less than five square meters of floor space. As of now, a very special functional extension also provides another unique selling point: the two-sided insertion of pre-coated wooden dowels (eight millimeter diameter and 30 to 40 millimeter length) through the drilling unit into the panel.

The following key data for the EVOLUTION series also make promising reading: With a clearance dimension of 1,200 millimeters in height and unlimited machining in length while requiring the least amount of space, as well as machinable material thicknesses of eight to 70 millimeters, the vertical CNC machining centers from HOLZ-HER become true all-rounders that can handle complete machining in furniture construction, from drawers to carcass parts, furniture fronts and rear panels.



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