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PRESS RELEASE

**WEINIG at LIGNA 2019: Innovative cutting-edge technology for every requirement**

More exhibits, more novelties and more live experiences than ever before: That Weinig Group with its two brands Weinig and Holz-Her looks forward to a great appearance at LIGNA 2019. In Hanover, the leading technology provider for solid wood and panel processing will present itself on an area of 5,000 m2 – a considerably larger exhibition space compared to LIGNA 2017.

Under the motto THINK WEINIG, more than 50 exhibits await customers in Hall 27. Among them are numerous innovations and evolutions. A unique range of solutions will be on display, covering the entire value chain and appealing to both small shops and industry. A special highlight of the stand is a complex production line in which all areas of competence of Weinig AG are directly or indirectly integrated. All machines and systems will be demonstrated live in action.

**New moulders for the high-performance segment**

Weinig will present three new developments in its product unit Planing and Profiling. In the high-performance sector, the **new Hydromat generation** will celebrate its world premiere. The machine series has a performance potential of up to 300 m/min. Feeding is performed via the new SF 200 accelerator. The modular system allows pre-planing with high wood yield, as well as finish planing with high surface quality. The features of the new Hydromat series also include high-precision profiling and splitting for even higher performance. Technically, the new integrated tool changing aid and the new tools with HydroLock system stand out. Fully automatic positioning of the aggregates and lateral fences as well as a new Weinig spindle temperature monitoring system complete the equipment.

The new **control generation WMC** (Weinig Machine Control) will be used as standard in the Hydromat class in the future. The highlight is an individually configurable dashboard that shows all essential production data at a glance. The simple, intuitive WMC control system for Hydromats will be presented for the first time at LIGNA.

The **Powermat 2400 3D** is the second innovation in the product unit Planing and Profiling. It allows the production of furniture parts or designed workpieces by contour milling from the right and left during throughfeed. Until recently, it was not possible to manufacture such parts during throughfeed. However, Weinig has achieved a technical breakthrough with the Powermat 2400 3D. In contrast to conventional processing centers, this machine is characterized by very high output. The workpieces can be programmed freely, including a plausibility pre-check.

Another innovation at LIGNA is the **Powermat 3000** for feed speeds of up to 100 m/min. This moulder covers every requirement - from pre-planing with hydro technology to built-to-order production. This particularly flexible machine sets new standards in its class in terms of operation, set-up time and safety. PowerLock tool holders and jointers ensure an immaculate multi-knife finish. In the broad target group between ambitious small businesses and industry, industrial bead production is of particular importance. The developers are convinced that the Powermat 3000 will set a new benchmark here with its performance and spindle technology.

Tools and tool grinders ensure independence from service providers and allow fast response to orders. Weinig has a large portfolio of tools and tool grinders. New at LIGNA is the **Rondamat 985**. This machine is particularly suitable for large planer heads and knife shafts as well as for large finger-jointing cutters. For the Rondamat 985, a special OptiControl system is available for measuring the tools. At our stand, the machine will be integrated into the **Moulder Master** all-in-one system for work preparation.

**World premiere in Weinig CNC centers**

The fully automatic CNC system Conturex has long been the benchmark in window manufacturing. Weinig has now added two new models to this successful range. Both will be shown as a novelty in Hanover. The **Conturex Vario S** is aimed at customers from the industrial sector. With new profile systems and added processing for smart home window solutions, this machine is Weinig’s answer to increasing demands on production technology. The domain of the highly productive Conturex Vario S is window manufacturing. But the new CNC center also offers more flexibility for other applications, such as furniture and frame construction, and thus contributes to securing the future of companies in this segment.

The second novelty is the **Conturex Artis**. With a capacity from 7 window units per shift, the Artis is positioned below the previous entry-level machine, the worldwide popular Conturex Compact. Technically, it has all the features that make up the current success of the CNC series. In particular, the machine offers the user limitless options in terms of window systems. Its highlight is the patent pending RePos easy reclamping process. It enables variable part clamping and automatic movement of the workpieces in the machine. The workpieces remain clamped throughout the manufacturing process, thus achieving maximum precision and quality. For complex clamping situations, PowerGrip RePos easy also enables clamping in the fold. The qualities of the new development prove to be particularly advantageous with slim profiles and new architectural window systems.

At LIGNA, both machines will be integrated into the Weinig cross-cutting and pre-planing system.

**Evolution in cutting**

The **OptiCut 150** for hardwood users will be presented for the first time at LIGNA. The ultra-fast through-feed saw **OptiCut 550 Quantum**, which in its latest version features even greater speed**,** has undergone decisive modifications. The new **OptiCut 260 with EasyScan** scanner is also available for performance-oriented cross-cutting. The **EasyStop** positioning aid, which can also be retrofitted to many types of saws, provides an entry into automation. The simple processing of orders is guaranteed by the **OptiPal** packaging software. Weinig offers a completely redesigned **ProfiRip 340** for ripping, which achieves feed speeds of up to 120 m/min with a divided chain.

The compact **ProfiPress** **LB gluing press** with automatic packaging system will be on show for the first time in Hanover. The compact and flexible press works with high-frequency technology and is ideally suited for operations with a capacity of up to 20 m3 lamellae per shift.

**Novelties also in jointing technology**

The focus of the product unit Jointing Technology in Hanover is on short wood lines. New is the patented **Turbo S 1000** milling combination for the production of horizontal and vertical joints. Its outstanding features are the high capacity and the individual adaptability. At our stand the Turbo S 1000 will be integrated into the Weinig production line. The shaper combination automatically forms packages. Dividing saws ensure precise output lengths.

The Weinig highlights in the area of jointing technology are completed by a model from the new high-performance finger jointing line of the **VS** series, which will soon be launched on the market.

As in previous years, the Weinig Grecon production site in Alfeld near Hanover will be opening its doors at LIGNA for a supplementary special exhibition on the subject of jointing technology. The focus is on the powerful new generation of **PowerJoint 12 and 18** finger jointing lines. In addition to these two exhibits, which will be presented live in action, another 10 systems under construction will be on display.

**Digitized systems technology for the future**

Weinig’s competence for large-scale systems is increasingly in demand on the market. Against this background, the **“Automation & Digital Business”** unit was recently integrated into **Weinig Concept** GmbH. It brings together the entire know-how of the Weinig Group. At LIGNA, visitors to the stand can experience a complex production line consisting of eight interconnected Weinig components live in action. In daily demonstrations, the complete processing line from the raw material to the end product will be shown. The networked processes represent the spectrum of the Weinig standard **W4.0 digital** under realistically simulated production conditions. This system uses robot technology and Weinig scanner technology. The new models **CombiScan Evo R200** and **CombiScan NextGen** will be presented. The software **RaiNet** is used for automated geometric measurement of the wood.

All components are centrally controlled via the new **Weinig Central System Control**. This is a single-operator solution that establishes a connection between the customer’s in-house IT system (ERP) and production cells. The production cells receive the necessary order-related data and report operating data back. In Hanover, semi-finished products will be manufactured live as instructed by the Central System Control unit and will then be further processed directly in various applications at other stations of the Weinig stand.

The new business unit “Automation & Digital Business” will present the current version of the **Weinig App** **Suite** alongside the Weinig live demonstrations in Hanover. The free app offers real-time monitoring, among other things. All functions are now also available as a browser application. The Weinig App Suite is integrated into the cloud-based Siemens IoT operating system **MindSphere**, which serves Weinig as the basis for a new standard in networking, forward-looking services and the application of production technology. Using secure data communications, MindSphere guarantees manufacturer-independent connection of machines, applications and apps.

**Weinig Concept: The CLT success story**

The engineering specialist Concept focuses its LIGNA presence on CLT competence. A current customer project will be presented. Specific processes of the individually configured production line for timber construction will be integrated into the large-scale system at the Weinig stand. Demonstrations will be held to support the presentation of the overall concept.

**Added value through Weinig services**

As a complete provider, Weinig also offers a comprehensive range of services. In Hanover, the specialists will provide information on training, finance, pre-owned machines and preventive maintenance in a separate area. Andreas Doikas is the new head of the Weinig product unit Services.

**Holz-Her pursues its successful course with innovations**

Details can be found in a separate press release from Holz-Her.

Weinig photos:

see <http://presse.weinig.com> (German) or <http://press.weinig.com> (other languages)