

Press information Altendorf Group at LIGNA 2019

Released for immediate publication.

Minden, 27. May 2019

Altendorf Group news for LIGNA 2019

The Altendorf Group has titled this year's trade fair appearance as the "world premiere at the LIGNA". This will certainly be the case because two internationally successful machine manufacturers for the panel-processing trade – Altendorf sliding table saws and Hebrock edge-banding machines – will appear jointly for the first time under the Group's umbrella. The Group's shared mission is to work together and achieve one goal: to provide skilled trades with future-proof technology on an international and cross-cultural basis. With this in mind, interesting new products and technical enhancements will be showcased at LIGNA 2019.

Altendorf sliding table saw improvements

Remote maintenance – service support directly from the manufacturer

When it comes to machine maintenance, the Group intends to create a closer connection to its customers. With remote maintenance, it can provide immediate support for newer machines in the Altendorf Group product line-up. For Altendorf, this involves F 45 EvoDrive or ElmoDrive type machines produced during or after 06/2015 with a corresponding software update and a network cable upgrade. With the help of software, the support team can gain direct access to the user's machine and check the control system, eliminate sources of errors and adjust settings. This support is designed to further reduce downtimes in future.

Safety is the highest priority – preventing accidents from happening in the first place

At LIGNA, we will present an accident-avoidance idea that is designed to eliminate the flaws of past safety systems. The Altendorf safety assistant draws technologically on hand recognition with the help of a 3D camera to prevent false activations and accidents.

PALIN – now available as an additional workpiece support

Used in combination with the crosscut fence, the PALIN allows you to cut parallel and conical workpieces on the sliding table. By butting against the side of the workpiece, differing lengths can be cut quickly and precisely without having to move the PALIN. The system has now been enhanced with

a new feature: By folding the measuring system away, the PALIN also serves as an additional workpiece support.

Parallelogram cross slides (PQS) – positioning without change

The fence rule arranged in the centre allows the workpiece to be positioned at the front and the rear. The two adjustable supports ensure secure support. Also for motorised flip stops (PQS UNO Flex): The narrow design with centre-arranged fence rule means the material can be positioned at the front and the rear without having to change the rule.

DUPLEX double-sided mitre fence – easier handling.

With no more than 17 kg, all DUPLEX models now have improved handling. DUPLEX fences enable bevel cuts at any angle between 0 and 90° very quickly, precisely and variably. Set it to 45° and a mitre cut can be made on both sides of the workpiece without further adjustments. Dimensions of the flip stops are set using a measuring scale and magnifier. All DUPLEX fences can be positioned anywhere along the entire length of the table.

Manual clamps – improved mechanics

The manual clamp is the alternative to a pneumatic solution. The manual clamp can be positioned on the sliding table and is equally easy to fix into position.

Pneumatic hold-down bars – even more user friendly

Pneumatic hold-down bars – an ideal solution for securely retaining workpieces of up to 80 mm thickness and particularly useful for work with long and thin materials such as veneers – can now be controlled separately at the rear and front position.

Improved Hebrock edge-banding machines

Reworked product lines – timeless machine design in form and function

The edge-banding machines made by Hebrock now share the look of the Altendorf Group: The multi-awarding winning machine design of Altendorf sliding table saws will be integrated into the edge-banding machines made by Hebrock. All machines with the new design will be showcased for the first time at LIGNA 2019. The machine design is not just limited to appearance. It can also be clearly seen in the machines' control systems.

Tilted position infeed fence

Thanks to the extremely stiff construction style, even higher quality results can be produced.

Fluid level monitoring of the glue pot

This new improvement prevents unseen draining of the glue pot. The user will be notified if the fluid level falls below the minimum amount.

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LED machine illumination

The view of the process area improves process control thanks to energy-saving LED illumination.

Multi-radius profile scraper

Two different radii ($R1/R2$) on the machine shorten setup time.

Barcode scanner

With the barcode scanner built into the control unit, processes can be improved in all machines and incorrect entries prevented.