

DSB Singlehead NG XM Thin-Cutting Band Saw

Wintersteiger AG presented the new "DSB Singlehead NG XM" thin-cutting band saw for the first time at LIGNA. With this new product, the thin-cutting specialist from Upper Austria has set its sights on flexibility and efficiency – this band saw can be extended to up to 6 machines connected in-line.

Flexibility and efficiency – these are the 2 main selling points of the new DSB Singlehead NG XM thin-cutting band saw. The machine was developed with changing customer requirements for timber cutting in mind, irrespective of timbers and applications. The result? The machine excels at both wet and dry cutting, with a cutting width of up to 350 mm and a maximum block height of 165 mm. It enables extremely thin lamellas from 1.3 mm to be produced with a kerf starting at 1.1 mm. The robust design and Wintersteiger's years of experience in thin-cutting guarantee maximum machine availability while making the DSB Singlehead NG XM extremely efficient.

Technical refinements

This thin-cutting band saw incorporates a number of technical refinements designed to optimize timber cutting, such as the feed system for robust block guidance: Driven feed rollers top and bottom guarantee continuous block feeding, even when faced with irregular workpiece characteristics. The specially rubberized feed rollers and the innovative down pressure system guarantee optimum grip as well as minimum friction for wet or dry material.

The high-tech saw control is another plus point. Thanks to the smooth saw blade entry system, the saw makes contact with the wood block at a reduced speed and only accelerates once it has fully entered the block. This reduces deflection, which protects the saw and improves the quality of the lamella. The machine also features a sensor-controlled saw blade monitoring system. Sensors monitor the saw blade and stop the saw



The new DSB Singlehead NG XM thin-cutting band saw delivers the ultimate in precision for maximum efficiency and flexibility.

if it starts to drift. This protects the saw blade and machine, while reducing tool costs and waste.

Extension to up to 6 machines

The DSB Singlehead NG XM can be extended from an individual machine to a multi-module production system. Up to 6 machines can be connected in series to extend the thin-cutting band saw to keep up with rising demand.

www.wintersteiger.com

Energy-Saving Initiative in Extraction Technology

Clever investment, short-term amortisation and improved production. At this year's LIGNA in Hannover, Höcker Polytechnik demonstrated how easily these three wishes can be implemented in carpentry workshops or in the wood industry.

The Höcker Polytechnik trade fair stand was again the epicentre for innovative extraction technology, solutions for modern paint shops, the latest briquetting technologies and the use of energy-efficient control technology.

Energy efficiency was the main topic that dominated discussions during the five days of the exhibition. With the use of energy-saving motors, sophisticated control technology and energy management apps, Höcker lowers energy consumption to a minimum and provides a transparent overview of consumption.

Crystal Cabinets, an American furniture manufacturer and Höcker Polytechnik customer, has reduced its annual electricity consumption by 1 million kW/h by using a new Höcker plant. This protects the environment, creates competitive advantages and, in this case, has even been rewarded with the Wooden Globe Award.

These are savings which can of course also be achieved in Germany, in addition to which the BAFA funding programme of the German government reduces the investment threshold. Calculating the savings potential and the BAFA funding options was a popular exercise during preliminary discussions by interested parties and project managers at the Ligna Höcker stand.

The newly introduced MultiSens ambient air sensor attracted a lot of interest from visitors. It is a powerful tool that simultaneously captures six measurement parameters: fine dust separated accord-



The MultiSens ambient air sensor (for ceiling mounting) provides usable data on air quality at the workstation.

ing to PM2.5 and PM10, temperature and humidity, CO2 content of the air and VOC (volatile organic compounds). Critical values occurring in the measuring range is signalled by the practical traffic light function on the MultiSens. The values can, of course, also be transferred to the intranet of the company. This knowledge of the air quality at the workstations makes it much easier to protect the health of employees.

It goes without saying that Höcker will again be present at the next LIGNA 2019 with more new innovations.

www.hoecker-polytechnik.de