

Press release (Preview Ligna 2025)

Taking production efficiency to a new level with innovative technologies and industry intelligence solutions

Bielefeld, Feb. 5th, 2025 - At Ligna 2025 in Hanover, Hymmen invites visitors to its stand F46 in hall 26 to discuss the latest trends and proven technologies that promise to take customers' production efficiency to a new level.

"It is time to leave the low in the sales markets of the wood-based materials industry. We expect Ligna 2025 to have a positive impact on the entire investment climate," emphasizes Dr. René Pankoke, managing partner and CEO of Hymmen. With this view to the future, Hymmen has even increased its stand space at Ligna this year.

The aim is, on the one hand, to have time for an intensive exchange with familiar and new visitors in a pleasant lounge atmosphere. At the same time, Hymmen presents all the latest production technologies and industry intelligence solutions to manufacturers of flooring, furniture, laminates, wood-based materials, building materials and engineered wood. And exciting eye-catchers will also attract visitors to the stand who are not yet familiar with Hymmen.

This year, as so often, Hymmen is once again focusing on the presentation of product samples from its own customers: The lounge seating areas are placed on digitally decorated and textured flooring (JUPITER and Digital Lacquer Embossing DLEplus) from producers around the world. Surfaces that have been run through Hymmen systems are installed in a kitchen unit:

- High gloss and super matt cabinet doors from Calender Coating Inert CCI technology
- digitally printed and textured cabinet doors and a wall panel from JUPITER, DLEplus and liquid coating technology
- a worktop coated with laminate from a double belt press
- a small bar counter with a compact panel from a multi-daylight press and
- the body of the kitchen cabinets with foil lamination and edge wrapping using a Hymmen laminating system.

The whole setting is placed in a house with wooden beams, which presents multi-layer panels and veneer plywood on the back for the reference to engineered wood.

"We want to show that we are the usual dependable experts in machine and plant construction and at the same time always think one step ahead in process improvement," emphasizes Pankoke. With these two goals in mind, a single-daylight laboratory press in innovative design colors will be on display at the trade fair stand. It is otherwise used in the Hymmen technical center to evaluate processes to produce veneer plywood and multilayer boards together with customers. Films of systems in real operation underline the practical relevance of the exhibited technologies.

As a contrasting program to the old-school steel, another area of the trade fair stand will also attract newly interested visitors. This is an Hymmen presents its Industry Intelligence solutions. The Digital Twin will bring production systems to the trade fair stand virtually. They are controlled via a real control panel. Visitors can follow the production on a large monitor. Or - even more exciting - AR (augmented reality) glasses transport the visitor into the production hall virtually. Hymmen successfully uses the digital twin for commissioning systems and achieves significant cost and time savings.

The Industry Intelligence Solution smart2i from Hymmen also increases efficiency during commissioning and throughout the customer's entire production operation. And not just for Hymmen systems, also other industries or system brands can use smart2i in their interlinked production processes in. Dashboards show visitors diagrams displaying relevant data transparently and how KPIs can identify potential for improvement following an intelligent analysis. And if the production displayed via the digital twin does not run as planned, smart2i finds out where the cause of the error lies - live at the trade fair stand.

If you need refreshments after the intensive technical discussions and virtual experiences at the Hymmen stand, the Hymmen team looks forward to providing you with company at the fair booth!

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Appendix



Fig. 1: Dr. René Pankoke, owner and CEO of Hymmen

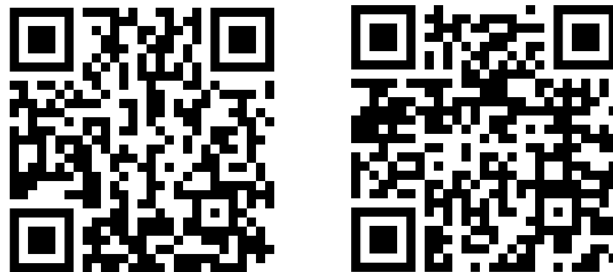


Fig. 2: Links to films about flooring production at Amorim (l.) and Engineered Floors (r.) using Digital Lacquer Embossing (DLEplus)



Fig. 3: A system for finishing surfaces with digital decor (JUPITER) and digital structure (Digital Lacquer Embossing) in the new hood design



Fig. 4: Digitally applied decors and textures from the Hymmen 2024 collection



Abb. 5: Beispiele von smart2i-Dashboards zur Steigerung der Produktionseffizienz