

February 21, 2022

PENTANOVA presents a system for predictive maintenance at LogiMAT

Böblingen, February 21, 2022 - At LogiMAT in Stuttgart (May 31 to June 2, 2022), PENTANOVA CS GmbH will be focusing on a new system for predictive maintenance that uses artificial intelligence (AI) to avoid expensive system failures. The smart technology will be visualised in Hall 1 at Stand K71 on a high-speed dual-rail floor-mounted conveyor from the Böblingen-based company. Also on display there: The driverless floor conveyor LOGIMOVER.

Unplanned system downtimes cost the operator dearly. PENTANOVA's newly developed system for predictive maintenance and servicing provides a remedy. Through continuous data acquisition, detailed forecasts about the failure behaviour of critical components can be made with the help of AI. The customer receives precise and comprehensible diagnoses in real time, which enables preventive service strategies.

Visitors can get an impression of the functionalities of the predictive maintenance system at the PENTANOVA stand. There, the company will show its high-speed dual-rail floor-mounted conveyor equipped with this technology. The high-speed dual-rail floor-mounted conveyor is not only capable of high throughputs of up to 600 pallets per hour in a compact space, but can also cope with applications under harsh conditions, such as in deep-freeze warehouses. "Especially in icy temperatures, solid, robust and reliable technology is what counts. Our new predictive maintenance system, which uses artificial intelligence to create self-diagnoses and thus reliably provides the operator with recommendations for maintenance measures, increases reliability many times over," says Sebastiano Sardo, CEO of PENTANOVA Conveyor Systems (CS). The company will also be exhibiting its driverless, freely navigating LOGIMOVER industrial truck, which is suitable for a wide range of tasks in industry and intralogistics. Efficient and highly flexible, it can be ideally linked with other warehouse logistics systems.

PENTANOVA CS GmbH is presenting itself for the first time under a new name at LogiMAT 2022. Until now, the company was known as the former Conveyor Systems division of the plant engineering company Eisenmann. Following the insolvency of the parent company in 2019, the Austrian automation specialist PENTANOVA acquired the healthy business division. Under a new name, the previous business unit manager Sebastiano Sardo is successfully continuing the business: "As before, we continue to stand for reliable, sustainable and efficient material flow solutions as well as powerful project management as PENTANOVA CS GmbH," emphasises Sardo. "Our technical consulting and solution expertise offers customers the greatest possible security for a suitable and quickly implementable intralogistics solution as early as the planning and project phase. Since we combine mechanics and automation expertise in-house, we can offer and implement overall intralogistics concepts from a single source," says Sardo, explaining the broad portfolio of his company, which can cover almost all customer needs as a general contractor and system provider.

February 21, 2022

With its high-quality, innovative products, technologies and services, PENTANOVA enables individual solutions for smart industrial processes. For 20 years, the system provider has been successful internationally and across all sectors in the areas of industrial automation, intralogistics and plant engineering and is now represented at 21 locations in eleven countries. Around 800 highly qualified employees worldwide ensure that every customer receives the right individual, component or complete solution to create efficient and flexible process flows. This is how PENTANOVA makes its customers fit for the future - smart solutions for tomorrow.

The Intralogistics division PENTANOVA Conveyor Systems plans, implements and supports customised complete solutions for a wide range of intralogistics sectors. The service portfolio also includes comprehensive technical consulting for the development of intralogistics solutions and the implementation of entire intralogistics systems as a general contractor. As a former business unit of the plant engineering company Eisenmann, the company division brings decades of experience in the planning, development and realisation of individual material flow projects, using its own reliable, highly efficient and proven products. A wide range of service solutions is also available to customers after completion.

Press photo

Intelligentes Instandhaltungsmanagement.jpg

PENTANOVA's predictive maintenance and servicing system minimizes equipment failures with the help of artificial intelligence.

Kontakt

PENTANOVA CS GmbH

Marketing & Communications

Katrin Renz

Tübinger Str. 81

71032 Böblingen

Tel.: +49 7031 2098-109

E-Mail: k.renz@pentanova.com