More consistent processes with Rittal’s new Perforex MT

|  |
| --- |
|  |
| **Corporate Communication**  Dr. Carola Hilbrand Tel.: +49 2772 505-2527 E-mail: hilbrand.c@rittal.de  Hans-Robert Koch Tel.: +49 2772 505-2693 E-mail: [koch.hr@rittal.de](mailto:koch.hr@rittal.de)  Steffen Maltzan Tel.: +49 2772 505-2680 E-mail: maltzan.s@rittal.de  Rittal GmbH & Co. KG Auf dem Stützelberg 35745 Herborn, Germany www.rittal.com |
|  |

Enclosure modification made faster

* The new Perforex MT milling centre: optimised mechanics and digital integration
* The new RiPanel Processing Center: Interface from engineering to machine controllers with efficient job management
* New financing models and consulting for individual optimisation steps in switchgear manufacturing

Herborn, 12 March 2021 – Demands are growing in the world of panel building and switchgear engineering. Short delivery times, cost pressure, high quality requirements and continuous production processes are all called for. The end-to-end digitisation and automation of value chains are the keys to success. At the 2021 digital Hanover Trade Fair, Rittal will be presenting its latest solutions in the form of the Perforex MT Milling Terminal machining centre and the new RiPanel Processing Center production control system. “Rittal and Eplan have set themselves the goal of aiding control and switchgear manufacturers at every single step of their value-added process,” said Michael Schell, Head of Product Management Industry at Rittal. He continued: “With the new Perforex MT and the RiPanel Processing Center, we are taking our clients on another important step towards enclosure construction 4.0.”

The next level for greater efficiency and precision

In continuing its development of the Perforex, Rittal has incorporated the practical experience gained through exchanges with customers. This has led to numerous technical improvements that will help customers in their day-to-day work. There is also an operating concept that is tailored to perfect interaction with the software solutions from Eplan and Rittal.

One example is the integrated swarf suction extraction feature directly on the spindle, which, together with a new floor seal, reduces the effort needed for cleaning. Moreover, new workpieces can now be retrofitted much more quickly. The new automatic tool measurement feature checks the length of the current tool and automatically transfers the parameters to the machine controls. It also detects any tool breaks, which results in fewer outages and an overall higher level of productivity. The patented pressure plate reduces vibrations, leading to a longer tool life, higher cutting speeds and better cut edges. New light barriers and light curtains ensure safety.

The use of the new generation of Perforex MT machines greatly improves efficiency in the workshop by as much as 85% compared to manual machining.

From engineering to a machine order at the touch of a button

One vital lever for increasing efficiency is to integrate the machines into the digitised processes. The new RiPanel Processing Center optimises the interface, from engineering to machine controllers. Design data from Eplan Pro Panel and information such as quantity and the target date are transferred directly and converted into machine jobs. The integrated order management tool helps improve interaction between several machines. “For customers, it means that they cut lead times, error rates and costs, while making their workshop processes fit for the future,” summarised Mr. Schell.

A clear path for investment

The current economic situation is also affecting control and switchgear manufacturers. “They can take advantage of the challenge by seeing it as an opportunity to gain competitive advantages with the right automation steps,” says Rolf-Günther von Kiesling, Head of Business Unit Rittal Automation Systems: “We not only support our customers by advising on the question of using the right machine technology, but also in making investment decisions through new financing models.”

Rittal is launching a new financing program for customers. The first step will be linear financing via supplier credit in the second quarter of this year. "We want to lower the hurdles for investments so that control and switchgear manufacturers can more easily tackle their automation steps," says von Kiesling: "With the right installment financing directly from Rittal, they immediately benefit from the efficiency of their new machine and skip the investment procedure involving a bank."

(3,750 characters)



**Caption(s)**

Image (fri211300100): The new Perforex MT offers many improvements in terms of machine hardware and in its integration into digitised processes along the value chain.

May be reproduced free of charge. Please name Rittal GmbH & Co. KG as the source.

**About Rittal**

Rittal, headquartered in Herborn, Germany, is a leading global provider of solutions for industrial enclosures, power distribution, climate control and IT infrastructure, as well as software and services. Systems made by Rittal are deployed in over 90 per cent of all industries across the world, including mechanical and plant engineering, food and beverages, and IT and telecommunications.

The international market leader’s product portfolio includes configurable enclosures, with data available across the entire production process. Smart Rittal cooling systems, with up to 75 per cent lower power and a great CO2 advantage can communicate with the production landscape, enabling predictive maintenance and servicing. The offering also includes innovative IT products, from IT racks and modular data centres, to edge and hyperscale computing solutions.

Leading software providers Eplan and Cideon support the value chain, providing interdisciplinary engineering solutions, while Rittal Automation Systems offers solutions for switchgear. Within Germany, Rittal can supply products on demand within 24 hours – with precision, flexibility and efficiency.

Founded in 1961, Rittal is the largest company in the owner-operated Friedhelm Loh Group. The Friedhelm Loh Group is active worldwide, with 12 production sites and 96 international subsidiaries. It has 12,100 employees and posted revenues of Euro 2.6 billion in fiscal 2019. In 2020, the family-run business was named one of Germany’s leading employers by the Top Employers Institute, for the twelfth year running. Within the scope of a Germany-wide survey, Focus Money magazine identified the Friedhelm Loh Group as one of the nation's best providers of vocational training for the fifth time in 2021.

For more information, visit www.rittal.com and www.friedhelm-loh-group.com.