

Press release

Rittal GmbH & Co. KG



*Rittal at SPS/IPC/Drives
24 – 26 November 2015
Hall 5, Stand 111*

New business unit: Rittal Automation Systems

Rittal increases automation in enclosure manufacture

By creating a new business unit – Rittal Automation Systems – Rittal is building on its existing portfolio for panel building and switchgear manufacture. The enterprise is assuming responsibility for, and expanding, the product range provided by its sister company Kiesling. The result is a comprehensive one-stop offering, from simple, manual tools to sophisticated, highly automated machining systems.

Herborn/Nuremberg, Germany, 24 November 2015 – Custom-configured solutions are the rule in the manufacture of panels and switchgear. However, they typically require multiple manual steps. Implementing easily assembled enclosure systems, a wide variety of accessories and intelligent software solutions can enhance efficiency. And, increasingly, manufacturers are placing greater focus on greater automation.

“Our panel building and switchgear manufacturing customers are looking for ways to improve productivity. And they find them in our portfolio. For example, they can leverage the latest machining technology to increase automation in their value-creation processes,” explains Dr Thomas Steffen, Rittal’s Managing Director of Research and Development. Rittal Automation Systems offers a variety of automation solutions to accelerate individual manufacturing tasks. These offerings can be scaled to a business’s size, and tailored to its specific imperatives.

“By incorporating our sister company Kiesling Maschinentechnik into Rittal Automation Systems, we can now provide the machining and handling technology needed

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for time- and cost-efficient production – not only for our own systems, and the corresponding software, but for switchgear and control systems as well. And all from a single source,” emphasises Steffen.

The Rittal Automation Systems portfolio comprises a broad range of products, from manual tools to fully automated machining centres.

New laser centre for precise machining

The Perforex BC machining centre is extremely precise, and fully automated. It can be deployed for drilling, thread tapping, and milling when machining enclosures. A key further development is the new Perforex LC 3D laser centre. As its name suggests, it uses laser technology to quickly and accurately machine flat parts, and entire enclosures and housings. In addition, the Secarex cutting centre rapidly cuts cable ducts and support rails to size.

New crimping machine simplifies assembly

The Athex automatic assembly machine simplifies a task previously performed manually – it assembles and labels terminals. And for the first time, Rittal’s offering now includes a crimping machine for cutting and assembling cables.

Robotic systems accelerate wiring

Moreover, the Averex centre eliminates time-consuming manual wiring of mounting plates. Instead, the system offers fully automated wiring in line with applicable standards and safety requirements.

Rittal offers this unique, one-stop portfolio to customers across the world. It includes enclosure, power distribution and climate control products, IT infrastructure, software and services – and now extends to key

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machining and handling technologies. And these are all from a single source – to the benefit of panel builders and switchgear manufacturers.

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Captions

fri152034100.jpg: By creating a new business unit – Rittal Automation Systems – Rittal is building on its existing portfolio for panel building and switchgear manufacture presented at SPS IPC Drives.

fri110288900.jpg: Dr Thomas Steffen, Managing Director Research and Development at Rittal.

fri152034200.jpg: Rittal Automation Systems offers a variety of automation solutions to accelerate individual manufacturing tasks. These offerings can be scaled to a business's size, and tailored to its specific imperatives.

fri152031800.jpg: The Rittal Automation Systems portfolio comprises a broad range of products, from manual tools to fully automated machining centres.

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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 across a variety of industrial and IT applications, including vertical sectors such as the transport industry, power generation, mechanical and plant engineering, IT and telecommunications. Rittal is active worldwide with 10,000 employees and 58 subsidiaries.

Its broad product range includes infrastructure solutions for modular and energy-efficient data centres with innovative concepts for the security of physical data and systems. Leading software providers

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Eplan and Cideon complement the value chain, providing interdisciplinary engineering solutions, while Kiesling Maschinentechnik offers automation systems for switchgear construction.

Founded in Herborn in 1961 and still run by its owner, Rittal is the largest company in the Friedhelm Loh Group. The Friedhelm Loh Group operates worldwide with 18 production sites and 78 international subsidiaries. The entire group employs more than 11,500 people and generated revenues of around €2.2 billion in 2014. In 2015, it was named one of Germany's leading employers by the Top Employers Institute, for the seventh year running.

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