

PRESS INFORMATION

Maximum design freedom for robotic cells

Manuela Kessler | 04.10.2023 | Lohr am Main / Germany | PI 057/23

Kaiser engineering is standardizing special machine construction with function-integrated profiles from Bosch Rexroth



Flexible and economical: Kaiser engineering uses function-integrated profiles from Bosch Rexroth to produce machine enclosures for robotic cells (Image source: Kaiser engineering GmbH)

Flexible solutions are needed in special machine construction: Each enclosure has its own individual requirements. Kaiser engineering GmbH uses function-integrated profiles from the Bosch Rexroth aluminum profile modular system for its robotic cells and is more than happy with the overall package. As a Bosch Rexroth Certified Excellence (CE) partner, FMS-Technik AG is responsible for consultancy, design and quick delivery.

Function-integrated profiles from Bosch Rexroth are stable construction profiles for building machine frames and enclosures. Compatibility with the Rexroth profile modular system opens up a wide range of possible applications. Thanks to the integrated cable duct, cables, data lines and hoses can be laid safely and in a space-saving manner. This makes it easier and quicker to design, assemble and install individual constructions.

Kaiser engineering GmbH uses these profiles for robotic cells and appreciates the harmonious machine design: “The function-integrated profiles from Bosch Rexroth allow a high-quality, clean and tidy frame design in special machine construction with instantly recognizable results,” said Michael Karth from the Sales department at Kaiser engineering. The company manufactures cells for sectors such as health care and the consumer goods industry, automating a range of complex logistics processes including testing, measuring, handing, cleaning and pre-treatment and post-treatment tasks.

FMS-Technik AG, a Bosch Rexroth Certified Excellence (CE) partner, is responsible for consultancy, design and quick delivery. As local contacts, CE partner companies offer readily available products and comprehensive service including engineering services. They combine the stability and competence of a large company with the flexibility and agility of a medium-sized firm in the immediate vicinity of users. The CE partner network encompasses distribution, service and solution partners and is being expanded all the time.

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Basic Information Bosch Rexroth

As one of the world's leading suppliers of drive and control technologies, Bosch Rexroth ensures efficient, powerful and safe movement in machines and systems of any size. The company bundles global application experience in the market segments of Mobile and Industrial Applications as well as Factory Automation. With its intelligent components, customized system solutions, engineering and services, Bosch Rexroth is creating the necessary environment for fully connected applications. Bosch Rexroth offers its customers hydraulics, electric drive and control technology, gear technology and linear motion and assembly technology, including software and interfaces to the Internet of Things. With locations in over 80 countries more than 32,000 associates generated sales revenue of around 7.0 billion euros in 2022.

Basic information FMS-Technik AG

FMS-Technik AG, based in Beringen near Schaffhausen/Switzerland, has been active since 1989 and serves the German-speaking part of Switzerland and Ticino as a Certified Excellence Partner of Bosch Rexroth Schweiz AG. The company offers extensive expertise in assembly technology, ergonomically designed manual workstations, transfer systems, precise tightening systems, and various services, and is a specialist in the areas of lean management and Industry 4.0. The service team handles spare parts procurement, commissioning, conversions and repairs, and on-site applications by means of technical support. To learn more, please visit www.fms-technik.ch

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