

ABB's elevated rail for the IRB 5500 increases flexibility of Stop & Go paint shops

ABB's Elevated Rail for the IRB 5500 reduces cycle times by as much as 10% on Stop & Go automotive paint lines.

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ABB today introduced an elevated rail solution for Stop & Go paint lines. Designed specifically for ABB's IRB 5500, the system expands the flexibility of the IRB 5500 which as the most flexible working envelope of any paint robot.

"When designing this new elevated rail solution we wanted to eliminate the need for additional engineering as well as other costs associated with installing an IRB 5500 onto a third part rail solution," says Michel Fouvet, ABB Product Manager, Paint. "Our new elevated rail is a standardized solution that enables the IRB 5500 to operate from either an elevated or floor level position."

The Elevated Rail for the IRB 5500 is self-carrying and does not require a beam support under the rail. Its two pillars are designed to accommodate most length configurations. It also reduces any possible interference with the opening and closing of paint shop doors.

"The Elevated Rail for the IRB 5500 increases the flexibility on Stop & Go paint lines by enabling the robot to be put in the best possible position to guarantee an effective backup solution," says Fouvet. "The rail can be used on both inside and outside paint lines and can accommodate most car body sizes. It also reduces the number of robots required on a paint line."

Based on the more than 30 years of rail experience, the IRB 5500 Elevated Rail from ABB is the fifth generation of ABB rail solutions for Paint.

Further information for editors:

ABB (www.abb.com) is a leader in power and automation technologies that enable utility and industry customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 140,000 people.

ABB Robotics is a leading supplier of industrial robots - also providing robot software, peripheral equipment, modular manufacturing cells and service for tasks such as welding, handling, assembly, painting and finishing, picking, packing, palletizing and machine tending. Key markets include automotive, plastics, metal fabrication, foundry, electronics, machine tools, pharmaceutical and food and beverage industries. A strong solutions focus helps manufacturers improve productivity, product quality and worker safety. ABB has installed more than 250,000 robots worldwide.

All ABB Robotics' products are fully supported by the ABB Robotics' global sales and service organization in 53 countries and over 100 locations.

Visit www.abb.com/robotics for further information.

Press Release



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