

ABB introduces compact family of SCARA robots

The IRB 910 SC (SCARA) is fast, cost-effective and, because it is from ABB, accurate.

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ABB is pleased announce the availability of its first ever Selective Compliance Articulated Robot Arm (SCARA), or IRB 910SC, family. The latest addition to the ABB small robot portfolio, SCARA has a maximum payload of 6 kg, the IRB 910SC and is available in three configurations (IRB 910SC –3/0.45, IRB 910SC – 3/0.55m, and IRB 910SC – 3/0.65.) All types are modular by design, with different linking arm lengths and have individual reaches of 450 mm, 550 mm and 650 mm, respectively.

“When designing the IRB 910SC, we emphasized speed and accuracy,” says Jacky-ZhenHui You, ABB Product Manager for Small Robots. “While small in size, our IRB 910SC robots incorporate the same high performance and design concepts as other ABB small robots such as superior path control and accuracy in a small footprint.”

ABB’s SCARA family is designed for a variety of general-purpose applications requiring fast, repeatable and articulate point-to-point movements such as palletizing, depalletizing, machine loading/unloading and assembly. Our SCARA family is ideal for customers requiring rapid cycle times, high precision and high reliability for their Small Part Assembly applications, and is suitable for laboratory automation and prescription drug dispensing.

“Variable reaches of 450 mm, 550 mm and 650 mm offer customers the option to choose the best arm for the job,” continues You.

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 135,000 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 300,000 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.

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