

ABB Robotics unveils second generation compact robot controller

Renowned for its outstanding performance and quality, the footprint of the IRC5C from ABB is now up to 25 percent smaller.

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- **Compact and easy to integrate:** IRC5C allows for 25 percent smaller integrated rack-mounted solutions
- **Improved user-experience:** User-friendly control panel with easily accessible cabling and connectors
- **Better than ever:** All the same features as its predecessor plus new functionality which results in greater productivity

ABB today unveiled the IRC5C, its second generation compact industrial robot controller. A full-fledged member of the IRC5 family of industrial robot controllers, the IRC5C comes equipped with the majority of the functionality and benefits of its larger counterpart; now in an even smaller footprint (310H x 449W x 442D mm).

“The IRC5C is 87 percent smaller than its larger counterpart the IRC5,” says Henrik Jerregard, ABB Product Manager, Robot Controllers. “It can easily be integrated, save valuable space and deliver exceptional versatility for our customers all without sacrificing performance. It is also the perfect companion to our small robot family.”

The new IRC5C’s operator panel also has been simplified, and its cable connections have been improved for greater ease-of-use and intuitive operation. For example, there are external connectors for all signals and a built in expandable 16-in, 16-out I/O system.

Despite its small size, the IRC5C retains the superior motion control of its larger counterpart. This motion control technology, featuring TrueMove™ and QuickMove™, is central to ABB Robotics’ well-known performance in terms of accuracy, speed, cycle-time, programmability and synchronization with external devices. The controller is also makes it exceptionally easy to quickly integrate additional hardware and sensors, such as ABB’s Integrated Vision.

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 145,000 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.

For more information please contact:

Press Release



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