

IRB 360 FlexPicker™ now stronger

Throughput capacity is radically improved with the combined speed and payload performance of the IRB 360.

May 29, 2013

- **Increase payload:** Expanded from 3kg to 8kg
- **Improved throughput:** Greater throughput capacity than any other four axis parallel picker robot
- **Improved design:** Tool flange re-engineered and mounting interface added to moveable plate

For nearly 15 years, ABB's IRB 360 FlexPicker has been the leader in state-of-the-art picking and packing technology, offering greater flexibility in the production process compared to hard automation.

To extend the usefulness of this proven robot, ABB has increased the IRB 360 FlexPicker's top payload from 3kg to 8kg. Optimized for both picking and packing applications, the robot is now able to pick up heavier items, handling up to 100 cycles per minute. Its average throughput capacity also is radically improved, thanks to the IRB 360's combined speed and payload performance.

"The IRB 360 FlexPicker has always been recognized for its speed and payload performance," said Klas Bengtsson, Product Manager. "This upgrade is an important step in maintaining its leadership role to allow our customers to increase productivity and higher payloads."

The robot's 1130 mm working range has been optimized for packing and has the smallest footprint of all delta robots handling more than 3kg. Advanced motion control simplifies the frame design, and the tool flange has been re-engineered to accommodate larger grippers. These larger and heavier grippers make the robot ideal for handling flow wrapped products, giving the FlexPicker the ability to pick up as many as 500 products per minute directly from an indexing belt. Finally, a new mounting interface has been added to the robot's moving plate.

"With these improvements, customers can pack multiple products, and are guaranteed the highest throughputs for flow wrapped products" said Bengtsson. "As a company we are proud to offer our customers this competitive edge."

The upgrade improves upon the IRB 360 FlexPicker's other existing advantages, such as a hygienic design for wash down applications, superior tracking performance and integrated control of indexing belts.

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



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 200,000 robots worldwide.

For more information please contact:

Name: Klas Bengtsson

Product Manager

Tel: +46 (0) 213 448 73

Email address: klas.h.bengtsson@se.abb.com