

ABB announce a new high-performance robot

The optimized press tending robot

Västerås, Sweden, May 23, 2007 – ABB, the leading power and automation technology group, today announced the launch of a new press tending robot, IRB 6660. This new robot will support high productivity, uptime and accuracy.

The main goal of this new robot is to provide a faster robotic solution for our customers within the press tending application.

Concerning part transferring operations, it's very important to reduce press occupation time.

By improving the robot speed performance, the output of the press line is greatly increased.

The most critical robot axes have been enhanced according to typical interpress cycle requirements, as a consequence 15% shorter cycle times are achieved inside the presses. This reduction directly affects the overall cycle time and the line output.

Thanks to a stiffer robot configuration based on a parallel arm design, the IRB 6660 has a far more stable and accurate behavior.

By using robot parts dimensioned for tougher cycles, a longer life time is achieved for the most critical components, which ensures that IRB 6660 has high reliability.

IRB 6660 is a new member of the large robots family. Proven technology from the IRB 6600 family in combination with new parts and design features creates this new press tending variant.

The maximum load for IRB 6660 is 130 kg and the maximum working range is 3.1 m.

The new IRB 6660 robot, optimised for press tending, is excellent for high-performance applications where press cycle times are crucial

About ABB:

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 109,000 people.

About ABB Robotics Division:

ABB 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, pharmaceutical and food and beverage industries. A strong solutions focus helps manufacturers improve productivity, product quality and worker safety. ABB has installed more than 150,000 robots worldwide.

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