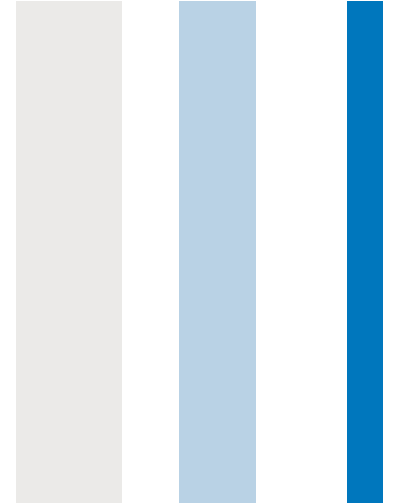
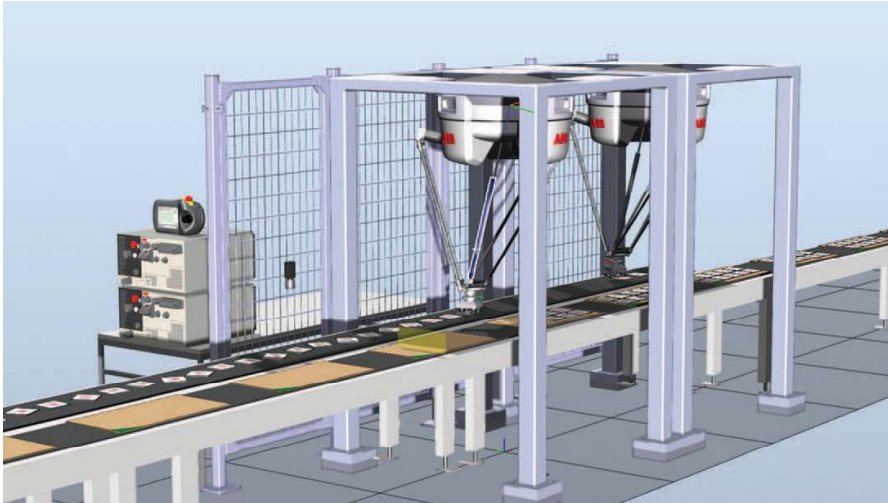


Picking, Packing & Palletising



iconsys integrate the IRB360 Robot from ABB in all our high speed picking and packing applications. Our in-house Robotic team will recreate a complete 3D virtual model of the working environment and the robots themselves.

A 3-Dimensional simulation offers advantages to both the customer and the robotic team; reducing the costs, as robots can be programmed off-line, eliminating down-time for assembly line. Robot actions and assembly parts can be visualised in a 3D virtual environment prior to the prototypes being produced, ensuring the robot system is running in its trimmest and most efficient configuration.

IRB 360 ABB FlexPicker benefits:

- Increase productivity
- Reduced costs
- Improve reliability and quality
- High speed flexibility
- High capacity – up to 8 kg payload
- Superior tracking performance
- Integrated vision software
- Integrated control of indexing belts
- Hygienic design for washdown applications

PickMaster™

PickMaster™ is the ABB Packaging software that simplifies the robot integration in picking, packing, palletizing and material handling.

PickMaster™ 3 for high speed picking

The PickMaster 3 includes advanced vision technique and tightly integrated conveyor tracking capability. The integrated vision system is advanced and open to communicate with any external sensor (line scanners, color vision, 3D etc.).



Palletising Applications

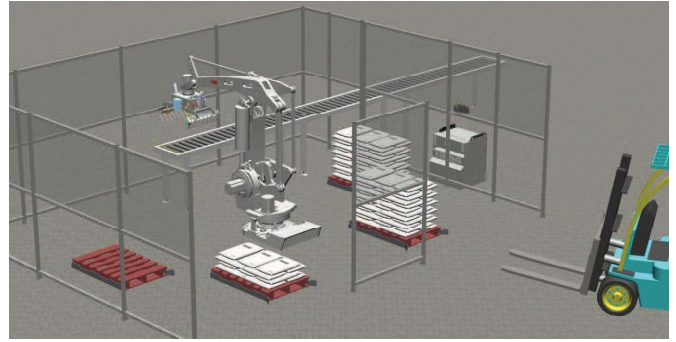
Whether you are looking for a basic cell or complex multi cell solution iconsys can help design and manufacture to your requirements using ABB Robots.

iconsys Standard Basic Palletising Solution

Modular design, easily adapted for individual requirements:

- ABB IRB 660 palletising robot
- Reach 3.15m
- Capacity up to 250Kg
- Choice of EOAT specific to your application
- Sick Safety
- Intuitive Operator interface

Integration to existing line control via Profinet , Ethernet IP



For innovative solutions we integrate the MiR500 Collaborative Mobile Robot into some of our designs.

With the MiR500 Pallet Lift, the MiR500 picks up, transports and unloads pallets autonomously, freeing up employees for more valuable tasks. There is no need to change the facility layout when operating the MiR500 as the function of wires, magnets or QR codes is replaced by sophisticated navigation software. Simply download CAD files of the facility to the robot

EOAT Design

iconsys are highly experienced at addressing difficult issues with innovative workable solutions.

Designing tooling to suit your application requirements incorporating:

Standard Parts – Quick delivery of components & spares

Lightweight – Reduce robot wear and maintenance

Rigid – Precise placement

Modular – Easy to adjust and make changes

Durable – long life with lower maintenance

Who we are

iconsys is a leading UK automation solutions provider and systems integrator. Well-established and highly respected, we combine innovative technologies with extensive industry knowledge and experience, supporting you throughout the asset lifecycle to enhance the performance of your business.

Our vision is to lead customers into the digital era, through close working partnerships built on trust. We are driven to delivering world-class solutions that inspire change across multiple markets.

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