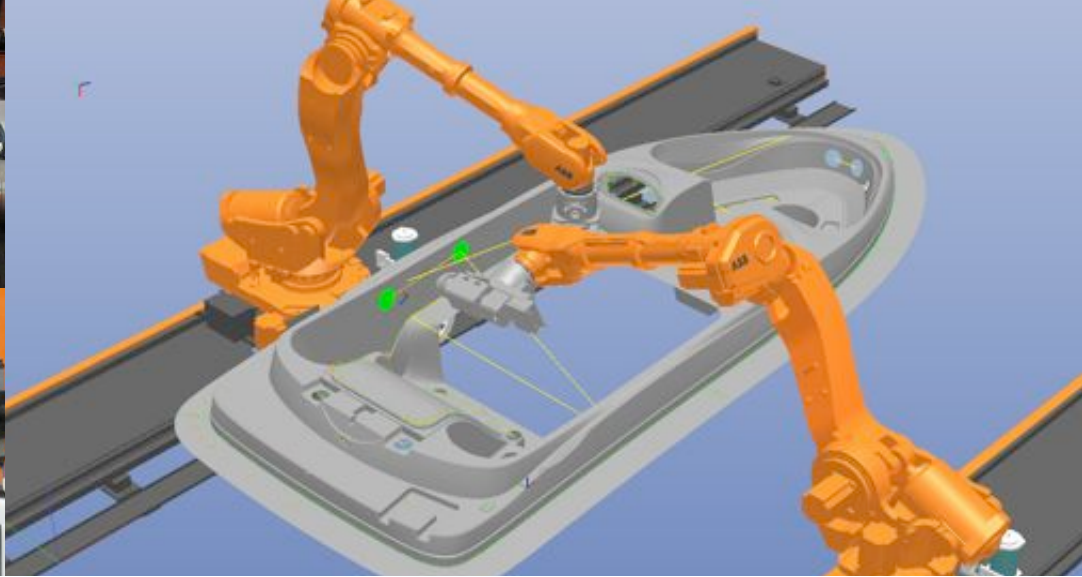
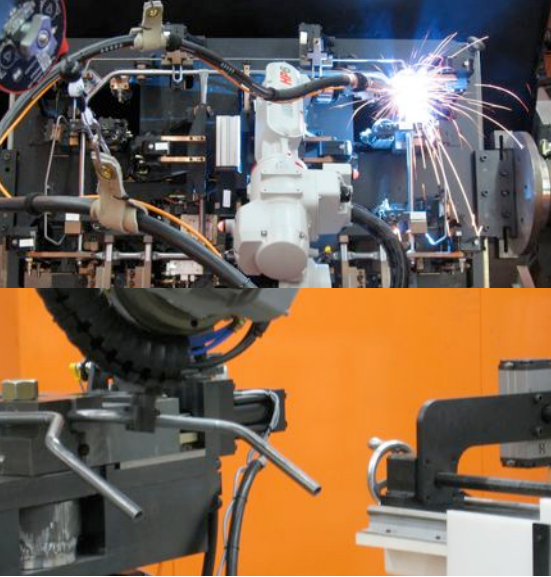


AUTOMATION IG **ROBOTIC INTEGRATION**

Anyone can sell you a robot. Automation IG puts robots to work. Whether you are looking to redeploy existing systems or purchase new robotic work cells, Automation IG is your source for integration of all major brands of robots in welding, material handling, packaging, assembly, testing, gluing, cutting, and other processes.





PROCESS

Automation IG builds and supports robotic systems for a wide variety of manufacturing processes such as welding, material handling, packaging, assembly, testing, gluing, and many other processes.

ROBOTS AND SYSTEMS

Automation IG supports all major brands of robots including:

DENSO **MOTOMAN** **FANUC**

KUKA **ABB** **Panasonic**

Our robot-as-positioner technology simplifies tooling and permits the combination of multiple processes. The end result is a robotic work cell perfectly suited for just-in-time production and the ability to produce lot sizes of one. Automation IG's award winning robotic system, the SuperCell, utilizes multiple large-capacity robots as positioners in combination with process specific robots. The SuperCell design is well suited to combine multiple processes in a single work cell and drastically improves the utilization of capital equipment, floorspace, and human resources.

OPTIONS

Each system is custom to specific application requirements. Some common options are:

Robot-As-Positioner

Automated Exhaust

Torch Cleaner

Automated Tool Center Point

RFID Lockout

RFID Reject Tracking

Part Tracking

Request to Enter Box

Seam Tracking & Touch Sensing Vision

TOOLING AND EOA

Automation IG designs and builds tooling, weld tooling, and end of arm effectors ranging from manually actuated to fully automated. Other features include 3D shimmable details, protective coatings, and weld spatter resistant coatings. We provide tooling for off-the-shelf positioners in addition to custom applications. Fully automated & sensor verified EOA for material handling applications provide secure and efficient transport of materials within and between work cells.

INTELLIGENT TOOLING With built-in logic, our intelligent tooling technology permits autonomous tooling which can be transferred easily between systems and used on automatic and manual operations. Intelligent tooling reduces the complexity of robotic systems by eliminating tooling-specific programming from the main work cell.

QUICKCHANGE TOOLING QuickChange technology provides for manual or robotically assisted tooling change-over in a fraction of the time required with traditional tooling systems. This unique technology improves capital utilization and enhances your competitiveness for low-quantity production runs.