

Robotic Applications



MATERIAL HANDLING

- Order Fulfillment
- Palletizing/De-Palletizing
- Machine Tending
- Automated Storage & Retrieval



PROCESS

- Material Removal
- Spraying/Coating
- Sampling
- Welding



TRACEABILITY/QUALITY CONTROL

- Marking/Identification
- Inspection
- Measurement



ASSEMBLY

- Insertion
- Fastening
- Dispensing
- Joining



PERIPHERALS

- Robot End-of-Arm-Tooling
- Vision-Guidance
- Robotic Transport Units
- Conveyors
- Transfer Systems
- Parts Feeders



AUTONOMOUS MOBILE ROBOTS

- E-Commerce & Order Fulfillment
- Delivery of Parts/Kits
- Flexible Machine Tending
- Flexible Material Handling

About Premier Automation Robotics

Premier Automation designs and implements automated robotics systems for industrial OEM and end user customers. Automated robotics systems are an increasingly versatile, safe, and cost-effective solution for a broad range of industrial applications. Our engineering team has the automation and process control experience to provide our customers with unique, highly efficient robotics solutions to streamline production, improve efficiency, and save on operational costs.

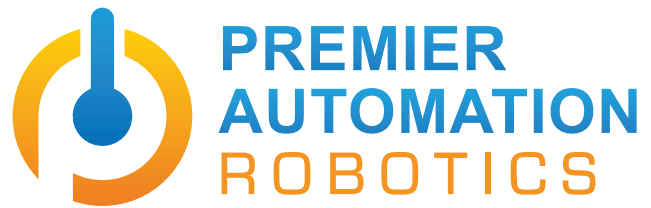
We are equipped to integrate, upgrade, or retrofit your robotic automation system.

Premier Automation is an Authorized System Integrator for Fanuc Robotics, Universal Robots, Lincoln Electric, and YASKAWA, a Channel Partner for IAM Robotics, and a Robotics Value Provider for ABB Robotics.



Robotics Solutions

Safe & cost-effective



Collaborative Robots

Collaborative robots, commonly referred to as cobots, are simplifying automation by allowing humans and robots to work side-by-side. Every cobot continuously monitors any forces it might encounter to ensure that it stops operating when contacted by anyone or anything, effectively giving the cobot a "human touch." Premier Automation utilizes various sizes of collaborative robots to provide our customers with a safe and flexible system that is engineered to be easily integrated into new and existing production environments. Our cobots can be deployed and redeployed to guarantee our customers continue to see increased performance from our systems.

Cobot Benefits

- Increased system safety
- Simplistic user interface
- Flexible redeployment
- Fast setup



Complete Systems Integration

Premier Automation has the ability to:

- Design & install robotic systems
- Redeploy & service existing robots
- Implement conveyors, marking systems, vision, & other process equipment
- Work with existing line equipment
- Help train and prepare your operators
- Offer services & support beyond robots



About Premier Automation

Premier Automation is an engineering solutions company for any industrial automation, drive, or control project. With extensive experience in system design and custom programming through industry-leading PLC and HMI/SCADA software, our engineers can seamlessly integrate robotic automation into your new or current processes.



✉ sales@premierautomation.com

Pittsburgh

📍 1100 Rico Road,
Monroeville, PA 15146

☎ 412-373-3700

Atlanta

📍 3010 Engineering Parkway
Alpharetta, GA 30004

☎ 470-359-5139

