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AUTOMATION & ROBOTICS

Your Industrial Automation Partner



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AUTOMATION & ROBOTICS DIVISION

The **Automation & Robotics** Division has a wide variety of experience and capabilities. This division is a resource for customers who need or desire to update or integrate new products or applications into their existing systems.

CORE SERVICES

- › Process & Automation MRO Products:
 - *Consigned Inventory*
 - *Vendor managed inventory*
 - *Dedicated customer stock*
- › Engineered Guarding Solutions
- › Automated Conveyor Solutions
- › Control Panel Design Fabrication
- › Cartesian Design and Fabrication
- › Robot Consulting and Programming
- › Customer Training

INDUSTRIAL AUTOMATION, CONTROL, MONITORING & VISUALIZATION

We have experience with many of the most popular PLC, HMI, and SCADA hardware and software systems with the ability to configure and program a new system or re-write or troubleshoot an existing PLC system.

MACHINE VISION (MACHINE CONTROL) SYSTEMS

We have experience working with machine vision inspection systems. Our systems help customers improve their processes and products subject to human fatigue or error. Our intelligent systems ensure that every item is inspected against a machine programmed standard that is not subject to human fatigue or failure.

ROBOTICS INTEGRATION & APPLICATION

Centro works with customers to develop custom robotics solutions. By integrating robotics, IOT, material handling, and other technologies, we help customers achieve task automation and achieve their material handling goals.

AUTOMATED IDENTIFICATION SYSTEM (SENSORS)

Using bar code scanners and RFID automated identification systems are available to integrate data acquisition information with your existing applications. We can meet customer needs for handheld, fixed position, or mobile devices.

UL 508A AND NNNY CERTIFIED INDUSTRIAL CONTROL PANEL SHOP

Our UL 508A Panel Shop builds its panels following current industry standards and your specific requirements. We can help you design your custom control system, or we can make your system from your particular design.





AUTOMATION & ROBOTICS DIVISION

**ABB INC.**

Full range of low voltage electrical products

**ACE CONTROLS**

Deceleration and vibration technology

**AIRTAC**

Pneumatic components and actuators

**AIRTROL INC.**

Miniature pneumatic components

**ALADCO**

Pneumatic check valves

**ALPHA TECHNOLOGIES / AIGNEP**

Pneumatic accs. fittings, valves, cylinders

**APEX / CLECO**

Complete offering of assembly tools

**APPLIED MOTION PRODUCTS**

Motion control products and components

**AUBO ROBOTICS**

Collaborative robots

**AVENTICS**

Pneumatic cylinders and valve systems

**BALDOR ELECTRIC MOTORS**

Electric motors and drives

**BALLUFF**

Industrial sensors and sensor systems

**BEBCO EPS / PEPPERL+FUCHS**

Purge and pressurization systems

**BLOCK USA INC.**

Transformers and power supplies

**CAPTRON**

Capacitive sensor switches and sensors

**CANFIELD CONNECTORS**

Interconnect devices

**CHICAGO PNEUMATICS**

Pneumatic and electric power tools

**COMPACT AUTOMATION**

Air and electric power tools

**COOPER POWER TOOLS**

Cylinders, rotary actuators, and linear actuators

**DATALOGIC USA INC.**

Automatic data capturing products

**DIRECT CONVEYORS**

Modular, industrial, conveying solutions

**DORNER**

Industrial and sanitary conveyors

**INDUSTRIAL AC MOTOR CONTROLLER PACKAGE**

Industrial AC motor controller package

**ELLIS/KUHNKE CONTROLS**

Pneumatic timers, indicators and counters

**EMERSON AFAG**

Feeding and handling technologies

**EMERSON CONTROL AND SOFTWARE**

Solutions that optimize industrial processes safely, securely and reliably

**EMERSON SOLA HEAVY DUTY**

Protection from damaging impulses and power interruptions

**ENFIELD TECHNOLOGIES**

Pneumatic positioning systems and valves





AUTOMATION & ROBOTICS DIVISION



EXERGEN

Non-contact temperature sensors



EXLAR ACTUATORS

Roller screw electric linear actuators



FABCO-AIR

Compact air cylinders and valves



FIBRO

Rotary indexing tables



FORTRESS INTERLOCKS

Cell safety interlocks and gate switches



FRELIN-WADE

Plastic, Nylon, Polyethylene Tubing



FUJI ELECTRICAL DRIVES

Variable frequency drives, monitouch HMIs



GRACE ENGINEERING

Programming ports for electrical enclosures



GSM USA

Multi-application safety fences



HAMMOND MANUFACTURING

Electrical enclosures



HELUKABEL CABLE

US/CSA approved cable and wires



IBOCO. INC.

Wire management for electrical enclosures



IDEC

Control components, relays, timers and PLCs



INDUSTRIAL ENCLOSURE CORP. (IEC)

Great quality custom electrical enclosures



ITEM AMERICA, LLC

Aluminum extrusion building



IXON CLOUD

IoT Portal, machine data logs and visualization



LARCO

Industrial safety mat systems



LITTELFUSE

Fuses, fuse blocks, and wiring devices



MACRON DYNAMICS

Linear robotics, actuators



MEM-CO

Miniature brass fittings, hose barbs



MENCOM CORPORATION

Industrial wiring connectors



MILWAUKEE CYLINDER

Pneumatic and hydraulic cylinders



MOUNTZ

Torque monitoring and measuring devices



MURRPLASTIK SYSTEMS INC.

Robotics wire. cable management products



NEUGART USA, LPPACKAGE

Precision servo gear reducers



NOSHOK

Gauges and transducers



NUMATICS

Pneumatic valves, control, automation products



PEPPERL+FUCHS

IS barriers, surge protection, XP HMI displays





AUTOMATION & ROBOTICS DIVISION



PIZZATO

Position switches, safety, HMI, lift devices



PFANNENBERG SALES AMERICA, LLC.

Control panel temperature management



PRO-FACE

Pro-face HMIs, industrial PCS, high-end HMIs



RENCO CONTROLS, INC.

Anti-tie down units



RK ELECTRONICS

Industrial control components and integration



ROLLON

Linear and telescopic guides, linear actuators



ROSS CONTROLS

Pneumatic valves and safety systems



SAGINAW CONTROL & ENGINEERING

Industrial enclosures



SCHMALZ

Vacuum automation systems



SCHNEIDER ELECTRIC

Electrical control and automation products



SCHUNK

Clamping technology and gripping systems



SICK OPTICS

Photoelectric sensors, vision, safety systems



SPARTAN SCIENTIFIC

Solenoid valves, operators, and accessories



STILSON

Machine tool accessories



SUMITOMO MACHINERY CORP

Gear motors, gear reducers, special gear reducers



THOMAS & BETTS

Wire and cable management fittings protection



TIME-MARK CORP.

Phase monitors, controllers and relays



VORTEC PANEL COOLERS

Enclosure cooling systems



WALTHER ELECTRIC

Pin and sleeve and rectangular connectors



WITTENSTEIN

Gear boxes (alpha)



WORLDWIDE ELECTRIC CORP.

Wholesale motor products and gearboxes



YASKAWA INDUSTRIAL

Drives, motion, and robotics



Drive Inside is a powerful industrial AC motor controller package from Centro with everything you need to get your machine up and running quickly and easily. Ask your Centro sales professional about our UL 508A and NNNY certified industrial panel shop.

