

# **Factory** **Automation**





# Solving Your Motion Control Challenges With Ingenuity

Evolution Motion Solutions is a leading engineering partner, systems integrator, and value-added distributor of advanced hydraulic, electromechanical, pneumatic, and automation technologies.

For over 80 years, our innovative solutions have been built on a foundation of technical excellence and industry-leading components designed for factory automation, industrial hydraulics, and mobile/off-highway applications.

We may not manufacture our customers' systems and machines, but we do help them run more efficiently and reliably by optimizing production time and enhancing performance.





## Factory Automation

Evolution Motion Solutions provides integrated engineering solutions, expertise, and resources for automation, controls, pneumatic, electrical, hydraulic, sensing, joining, dispensing, and lubrication applications. With over 80 years of unparalleled experience in industrial product application, Evolution is your expert engineering partner for system and subsystem integration and value-added distribution, from initial concept and product to development and support.



## Heavy Industrial

Evolution Motion Solutions Heavy Industrial encompasses everything required to design, build, maintain, and optimize hydraulic systems. We provide a wide array of value-added services that include locally-performed certified repairs and industry-leading hands-on-training. With over 80 years of industry experience and technical expertise in hydraulics, electronics, drives, and controls, we inspire customers to do more than they ever thought possible.



## Mobile/Off-Highway

Evolution Motion Solutions provides technical expertise and resources to supply integrated solutions for actuation, optimization, propulsion, and electrification technologies for mobile/off-highway applications. With unparalleled experience in mobile product application and value-added distribution, Evolution is your trusted engineering partner for system and subsystem integration, conceptualization, production, installation, and support.



**LEARN**



**THINK**



**PLAN**



**INTEGRATE**



**DESIGN**

# Complete Life-Cycle Support



**SUPPORT**



**SOURCE**



**TEST**



**BUILD**



# One Team. Infinite Solutions.

Driven by a passion for innovative technology and conquering challenges, we develop solutions that keep our customers moving toward the future. From concept to completion, we provide exceptional customer service deeply rooted in our Commitment to Excellence.

- Solutions Based Engineering
- Design Engineering for Hydraulics, Pneumatics, Lubrication, & Mechanical Solutions
- Machine Control Design Experience
- Hardware & Software Design
- Concept & Process Engineering
- System Integration Solutions
- Subsystem Efficiency Solutions
- Modification of Machines to U.S. Standards & Specifications
- Quality Assurance According to ISO 9001:2008 & AS 9100:2016
- Designs & Capabilities According to U.S. & European Standards NFPA, UL, CE



## Elements of Success

From our beginnings as a trusted resource for premier components, we have evolved into Evolution Motion Solutions, an engineering partner, systems integrator, and value-added distributor (ESV).

As the world's first ESV, we provide our customers with highly engineered solutions for motion control challenges. By leveraging our group members' diverse industry experience and product knowledge, we engineer technically superior solutions with sustainable value.





We function as an extension of your engineering team. By delivering tailored solutions that address your specific needs, whether concept engineering, system expertise, or R&D, we ensure success and innovation at every step.

- Application Engineering
- Custom Products & Solutions Designs
- 3D Modeling & FEA Analysis
- Application & Technical Support
- Product & Machine Expertise
- Research & Development
- Product Launch Support



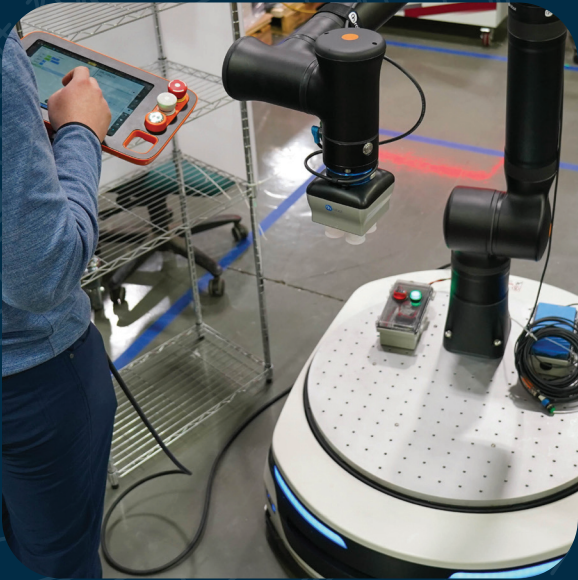
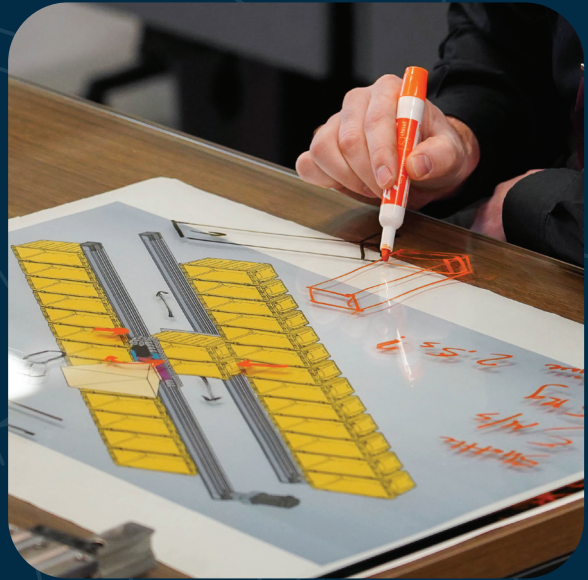
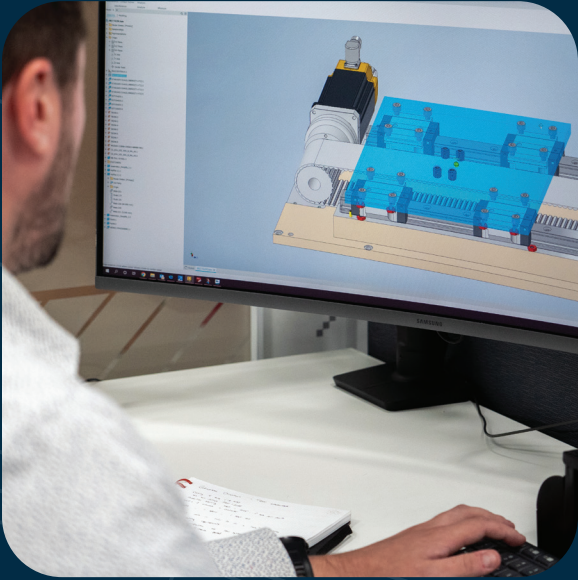
Our engineering expertise extends to integrating new and legacy systems, optimizing them for improved performance, reliability, and longevity by delivering application assistance, subsystem aggregates, and complete system solutions.

- Application Assistance
- Configured Assemblies
- Product Sizing & Selection
- Integrated Products
- Custom System Design & Manufacturing
- Subsystem Aggregates
- Complete System Solutions



We go beyond traditional distribution by offering value-added services such as 24/7 support, product kitting, and inventory management. We provide high-quality components and solutions that meet your needs—every time.

- 24/7 Support
- Customer Service
- Factory Trained Repair Technicians
- Inventory Management
- Configured Assemblies
- Product Kitting
- Product Support
- Service Technicians
- Training
- Advanced Product Training







## Expert Conceptual Engineered Solutions

The Motioneers are a team of dedicated engineers who create custom conceptual engineering motion control solutions for industrial applications. Serving as an extension of your engineering team, the Motioneers collaboratively partner with you to learn and understand your application's requirements and specifications so they can create the most efficient system design solution. By partnering with the Motioneers, you gain a team of expert mechanical, electrical, and controls engineers who provide concept engineering solutions for many technologies, applications, and industries - at no additional cost.

### Technologies

- Mechatronics
- Hydraulics
- Pneumatics
- Electric Drives & Controls
- Safety & Sensing
- Conveyance

### Industries

- Aerospace
- Automotive
- FMCG
- General Automation
- Life Sciences
- Semiconductor

# Automation

With comprehensive application experience in precision motion controls, including conveyor systems, linear motion technology, HMI, PLC, machine vision, and robots, Evolution is perfectly positioned with the knowledge, support, and resources needed to provide leading technology and solutions for industrial and factory automation, allowing us to help you maintain a competitive edge in the market.

**Controls**

**Drives**

**Electronics**

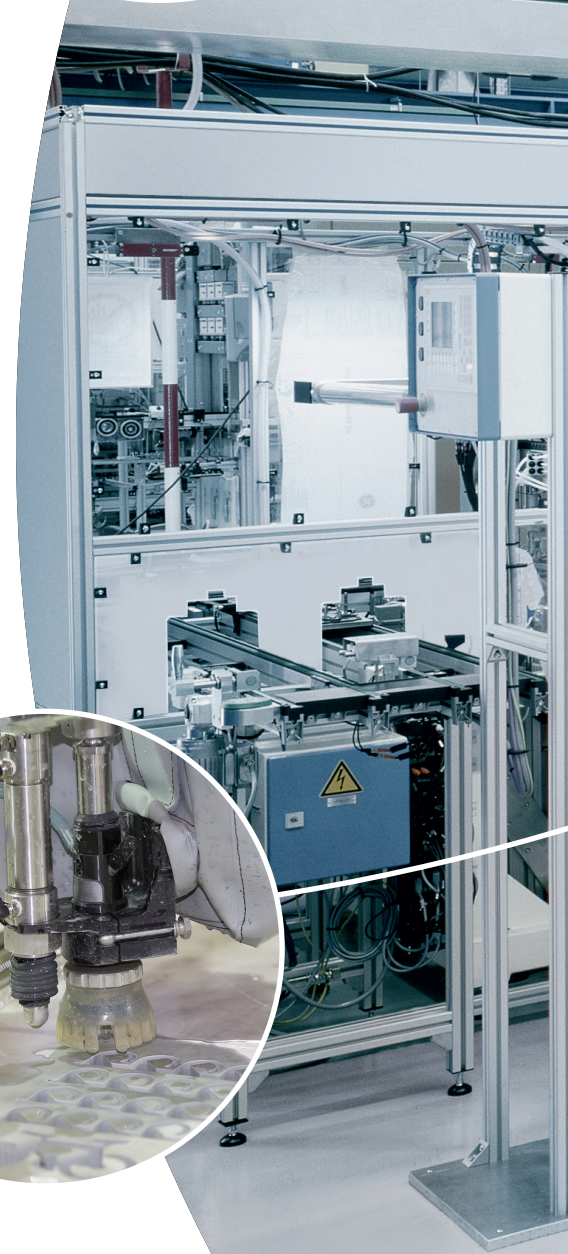
**Mechanical**

**Pneumatics**

**Robotics & Conveyors**

**Tightening Technology**

**Welding Technology**







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Automation



## Electronics, Drives, & Controls Products

Evolution Motion Solutions employs flexible design concepts for its controls systems, ranging from small, compact, all-in-one servo-drive systems to large modular systems to panel free technology. These products provide exceptional diagnostic capabilities, including Industry 4.0 solutions. Our safety product offering is the broadest in the industry, and it includes free intuitive software.

**Automatic Identification**

**Custom Cable Configurations**

**Machine Safety**

**Measurement Technology**

**PLCs & HMIs**

**Power Supply Distribution**

**Sensing Technology**

**Servo Drives & Controls**







Automation



## Fluid Power

With comprehensive expertise in the mechanical and hydraulic aspects of fluid power, Evolution's in-house engineering, manufacturing, and technical sales teams are well-equipped to provide the most efficient power transmission and control solutions. Our deep understanding of fluid power and extensive application experience enable us to customize and tailor solutions to meet every customer's unique needs.

**Hydraulics**  
**Power Units**  
**Filtration**  
**Lubrication**  
**Accessories**







**Rexroth** CytroPac

Fluid Power



## Process & Lubrication Products

A proper fluid power system reduces energy usage, operating costs, and maintenance hours while improving operational lifetime. Evolution Motion Solutions uses best-in-class components to provide flexible and reliable solutions. Our compact yet robust systems enable fast action and ultimate control.

**Assembly Lubrication**

**Control Valves**

**Filtration**

**Process Measurement Technology**

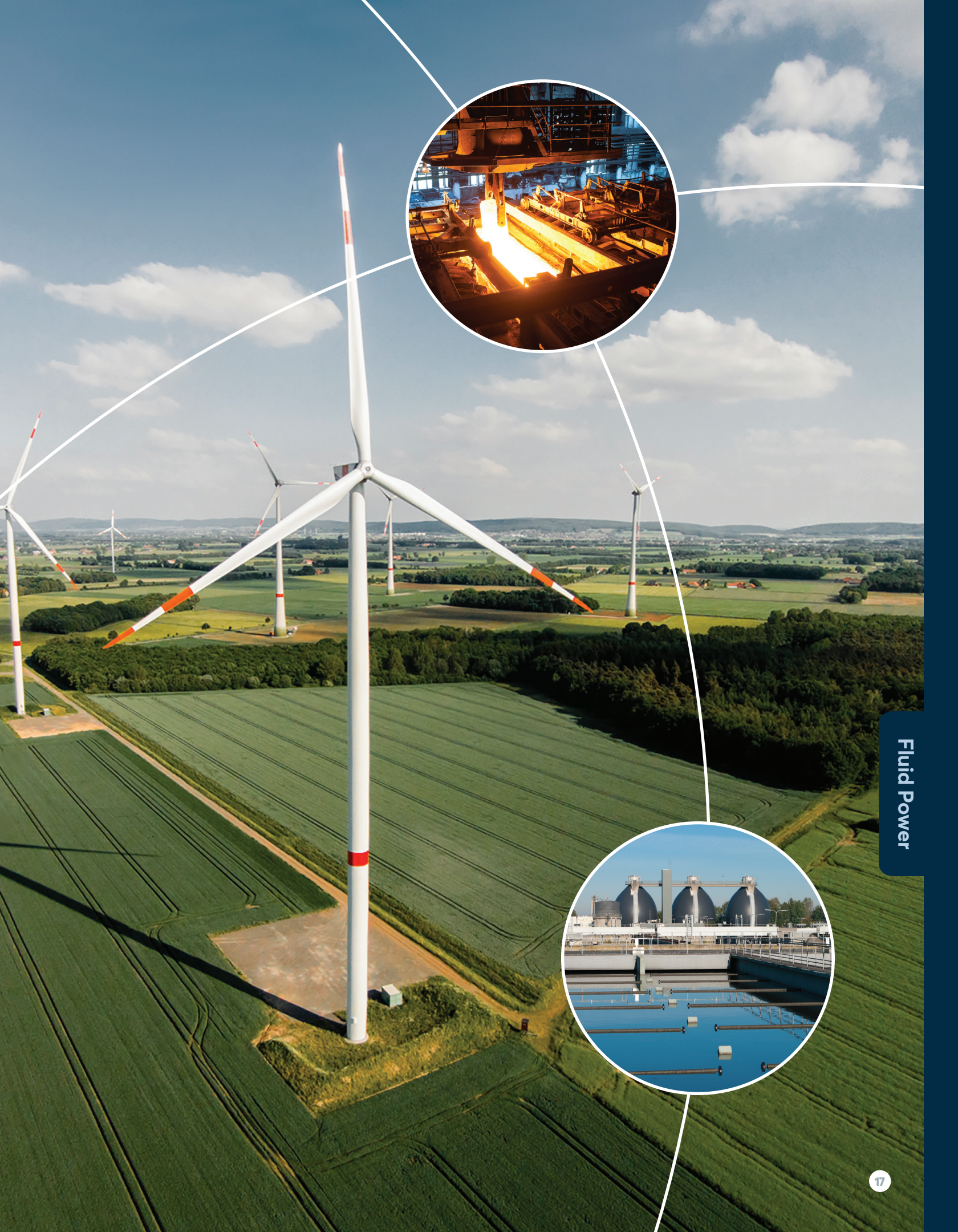
**Process Pumps**

**Single-Line Lubrication Systems**

- Parallel Systems
- Series Progressive Systems









## Joining Technologies

Evolution Motion Solutions' innovative solutions simplify the challenges presented by the ongoing demand for flexible and automated joining technology. In addition to being safe and reliable, these solutions are supported throughout their lifetime.

- Dispense Solutions**
- Handheld Assembly Tools**
- Intelligent Cordless Assembly Tools**
- Metering Packages**
- Pressing & Bonding**
- Safety Critical Assembly Tools**
- Spot Welding Solutions**
- Stationary Tightening Solutions**







Joining



## System Solutions

Evolution provides a complete suite of services that includes concept development, design, engineering, building, and testing capabilities that allow us to create system solutions tailored to your application specifications. From versatile aluminum extrusion and autonomous mobile robots to custom control panels and conveyors, our system solutions meet the highest standards of innovation and quality, including AS 9100, IS 9001, and UL 508A.

**Manual Product Systems**

**Autonomous Mobile Robots**

**Collaborative Robots**

**Control Panel Build**

**Controls & Hardware Design**

**Conveyors**

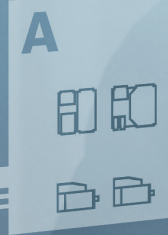
**Software Design & Engineering**

**Track & Trace**

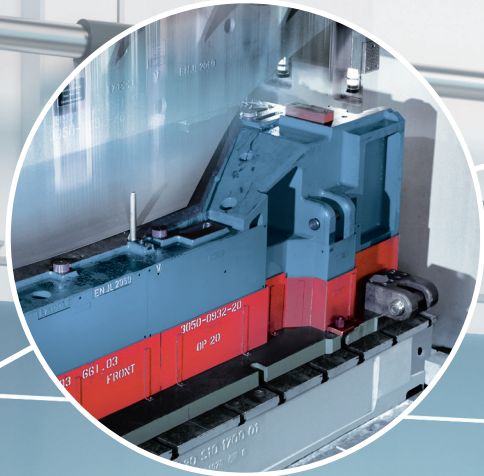
**Vision Systems**



CONFIGURATION OF PRODUCT LINE







NETWORK



ENGINEERING



CONDITION MONITORING



B

C

D

## Automation

**Controls**

**Drives**

**Electronics**

**Mechanical**

**Pneumatics**

**Robotics & Conveyors**

**Tightening Technology**

**Welding Technology**

**Electronics, Drives, & Controls Products**

Automatic Identification

Custom Cable Configurations

Machine Safety

Measurement Technology

PLCs & HMIs

Power Supply Distribution

Sensing Technology

Servo Drives & Controls

## Fluid Power

**Hydraulics**

**Power Units**

**Filtration**

**Lubrication**

**Accessories**

**Process & Lubrication Products**

Assembly Lubrication

Control Valves

Filtration

Process Measurement Technology

Process Pumps

Single-Line Lubrication Systems

(Parallel Systems, Series

Progressive Systems)



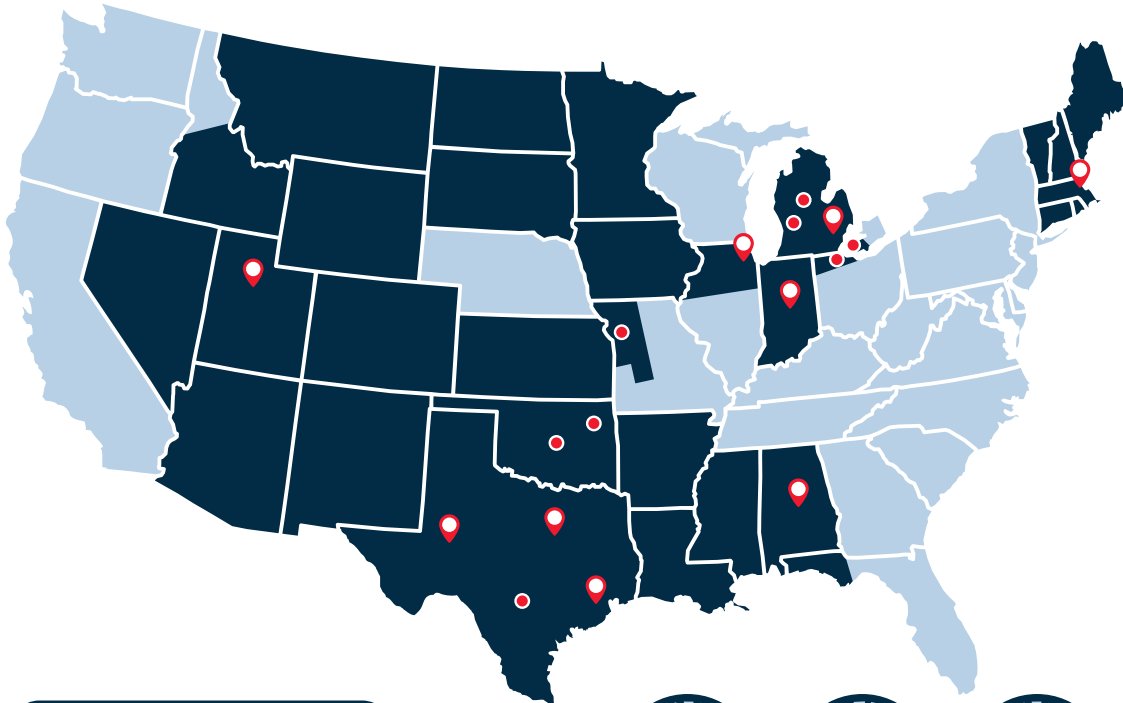
## **Joining**

**Dispense Solutions**  
**Handheld Assembly Tools**  
**Intelligent Cordless Assembly Tools**  
**Metering Packages**  
**Pressing & Bonding**  
**Safety Critical Assembly Tools**  
**Spot Welding Solutions**  
**Stationary Tightening Solutions**

## **System Solutions**

**Manual Product Systems**  
**Autonomous Mobile Robots**  
**Collaborative Robots**  
**Control Panel Build**  
**Controls & Hardware Design**  
**Conveyors**  
**Software Design & Engineering**  
**Track & Trace**  
**Vision Systems**





 **Warehouse & Sales**

 **Sales Offices**



**Head Office**

13835 Senlac Drive, Farmers Branch, TX 75234

**(800) 569-9800**

**Local Offices**

**ALABAMA**

511 Mineral Trace,  
Suite 100  
Hoover, AL 35244  
**(205) 417-4177**

**ILLINOIS**

340 Windy Point Dr.  
Glendale Heights, IL 60139  
**(630) 858-4600**

**INDIANA**

9589 E. 153rd Street  
Noblesville, IN 46060  
**(317) 849-7007**

**MASSACHUSETTS**

90 Research Dr.  
Wilmington, MA 01887  
**(248) 373-1600**

**MICHIGAN**

3333 Bald Mountain Rd  
Auburn Hills, MI 48326  
**(248) 373-1600**

408 Broadway Ave NW, Suite C  
Grand Rapids, MI 49504  
**(616) 583-9390**

7131 W. Drew Rd  
Weidman, MI 48893  
**(866) 644-8622**

**MISSOURI**

171 English Landing Dr.  
Suite 230  
Parkville, MO 64162  
**(800) 569-9800**

**OHIO**

1705 Indian Wood Circle,  
Suite 104,  
Maumee, OH 43537  
**(419) 365-3111**

**OKLAHOMA**

5114 S. 95th East Ave.  
Tulsa, OK 74145  
**(800) 569-9800**

3445 West Memorial Rd,  
Suite J  
Oklahoma City, OK 73134  
**(800) 569-9800**

**TEXAS**

8707 Fallbrook Dr.  
Houston, TX 77064  
**(800) 569-9807**

1803 W. County Rd 114  
Midland, TX 79706  
**(800) 569-9800**

2090 N Interstate  
35 Frontage Rd  
Suite 4101  
New Braunfels, TX 78130  
**(800) 569-9800**

**UTAH**

5575 West 1730 S,  
Suite 102  
Salt Lake City, UT 84104  
**(801) 566-4333**

**CANADA**

2775 Kew Dr.  
Windsor, Ontario  
Canada N8T3B7  
**(519) 944-3877**