


Morrell Industrial
A Division of Womack Group



Factory Automation



Meet Morrell Industrial

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. Our goal is to continue to grow our business with our customers and trusted vendor partners with the same quality and integrity we have had since 1976.

We keep things moving.

- 🌀 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 ISO9001:2008 & AS9100:2016
- 🌀 Designs & Capabilities According to U.S. & European Standards NFPA, UL, CE

Elements of Success

Complete
Life-Cycle
Support



THINK



PLAN



DESIGN

E**Engineering Partner**

We function as your partner and an extension of your engineering team, seamlessly adapting to your business practices and processes.

- Application Specialists
- Concept Design
- Product & Machine Expertise
- Schematics & Solid Models
- Programming & Machine Control
- Prototyping & Machine Validation

S**Systems Integrator**

The innovative solutions we engineer support both new and existing systems. Employing leading-edge technology, we optimize your machines, fine-tuning them for efficiency, reliability, and longevity.

- Application Consulting
- Custom Assemblies
- Custom Integrated Systems
- Product Sizing & Selection
- Hydraulic Power Units
- Test Stands
- Electrical Control Systems
- Operator Consoles & Displays
- Manifold Assemblies
- High Pressure Test Systems
- Servo Hydraulic Systems
- Mechanical Assemblies

V**Value-Added Distributor**

More than a supplier, we provide industry-leading solutions built on a foundation of quality components and technical excellence.

- Machine Start-Up & Commissioning
- Customer Protected Inventory
- Factory Trained Repair Technicians
- 24/7 Support
- Customer Service
- Hands-On Training
- Strategic Sourcing
- Aftermarket Programs
- Product Modifications
- Product Kitting
- Private Labeling
- Special Packaging
- Shipping/Freight Consolidations

**SOURCE****BUILD****TEST****INTEGRATE****SUPPORT****LEARN**

One Team. Infinite Solutions.

Womack Group unites the leading motion control solution providers Morrell Industrial, Stegner Controls, Womack Machine Supply, Womack Systems, Morrell Mobile, and LOR Mobile Controls.



Morrell Industrial provides integrated engineering solutions, expertise, and resources for automation, controls, pneumatic, electrical, hydraulic, dispensing, and lubrication applications.

- Established in 1978
- Expert engineering partner for system and subsystem integration
- Value-added distribution
- Initial concept and product to development and integration



Stegner Controls provides electrical and motion control solutions, from simple panel builds to fully integrating complex, turnkey systems.

- Established in 1948
- Complete life-cycle support for control system solutions
- Envision, plan, design, and source
- Build, test, integrate, and support



Womack provides hydraulic, pneumatic, and electromechanical solutions for mobile and industrial motion control and automation applications.

- Established in 1953
- Broad product offerings
- Full suite of value-added capabilities
- Engineering, service, repair, and training



Womack Systems provides competitive, value-added solutions by manufacturing custom systems for specific applications.

- Established in 1953
- Expert resources, capabilities, and competencies
- Schematics, layout drawings, and CAD drawings
- Designs for manufacturability and serviceability principles



Morrell Mobile provides technical expertise and resources to supply integrated solutions for actuation, optimization, propulsion, and electrification technologies for mobile/off-highway applications.

- Established in 1978
- Trusted engineering partner for system and subsystem integration
- Value-added distribution
- Conceptualization, production, installation, and support



LOR Mobile Controls is a leader in systems integration with the expertise to deliver advanced custom control solutions for mobile/off-highway applications.

- Established in 1991
- Reliable, scalable plug-and-play control system solutions
- Radio controls, relay logic, and complex CAN Bus systems
- SAE J1939-based controls and wireless data communication networks



Free Concept Engineering with the Motioneers

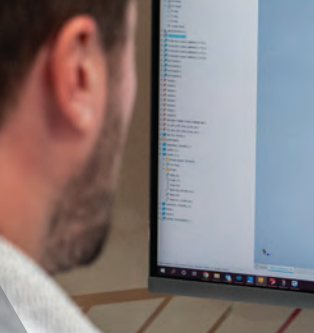
The Motioneers are a team of dedicated engineers who create custom conceptual engineering motion control solutions for industrial applications. Serving as an extension of your engineering team, the Motioneers collaboratively partner with you to learn and understand your application's requirements and 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.

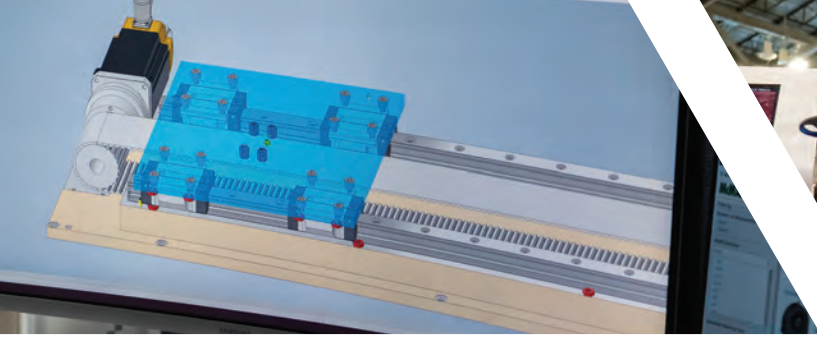
Technologies

- ⌚ Dispensing
- ⌚ Hydraulics
- ⌚ Joining
- ⌚ Lubrication
- ⌚ Pneumatics
- ⌚ Sensing

Industries

- ⌚ Aerospace
- ⌚ Automotive
- ⌚ Defense
- ⌚ Fast-Moving Consumer Goods
- ⌚ Food & Beverage
- ⌚ General Automation





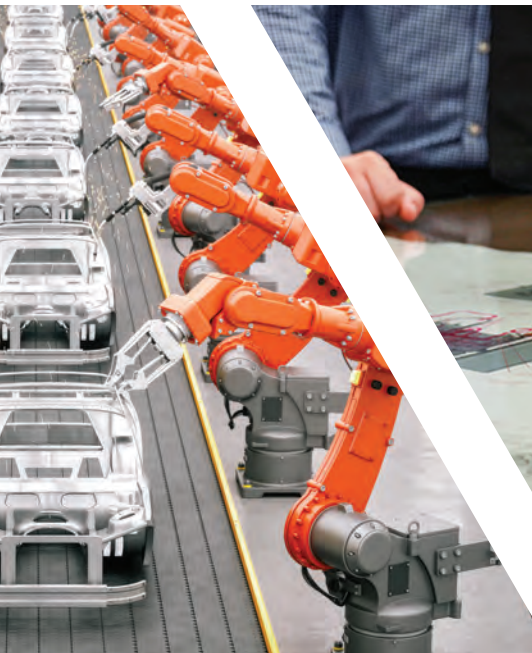
Aerospace



Dispensing



General Automation



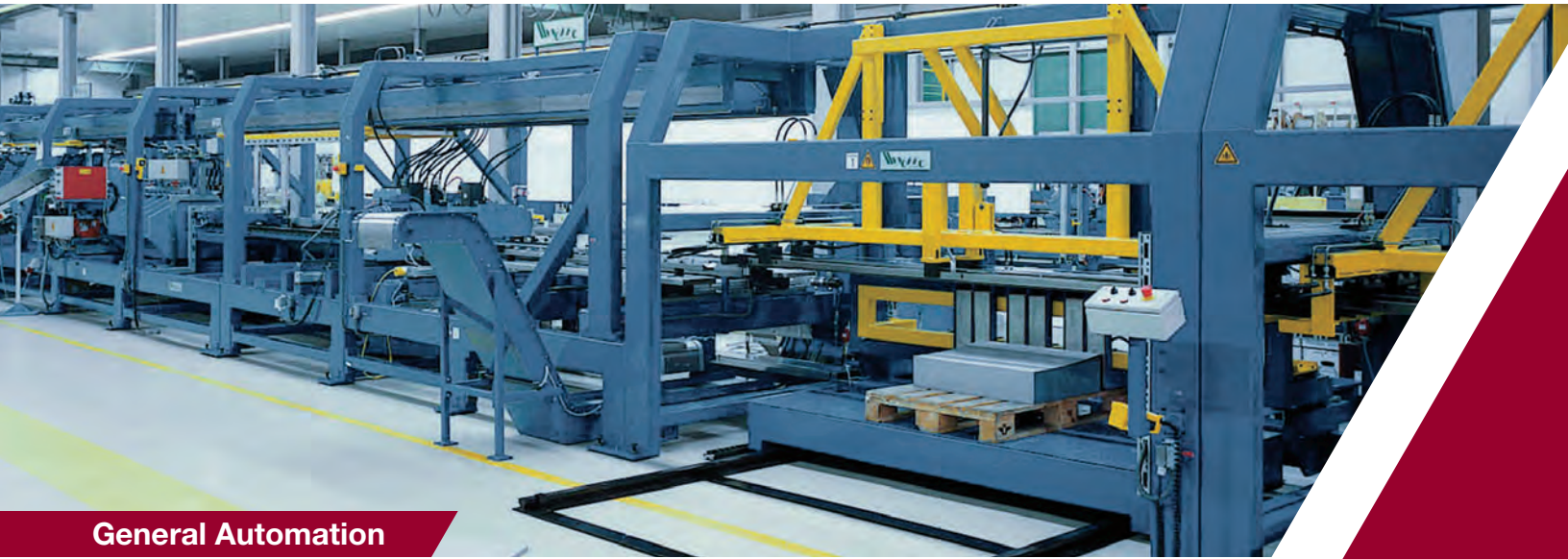
Concept Engineering



Machine Tools



Robotic Assembly



General Automation



Bottling Lines



Mechanical &

Pneumatic Products

Morrell Industrial provides unparalleled performance in motion control applications dealing with high speed, accuracy, position synchronization, and high axis count.

- ☞ Actuators
- ☞ Air Preparation
- ☞ Ball & Roller Rail Systems
- ☞ Couplings
- ☞ Electric Cylinders
- ☞ Gearboxes
- ☞ Linear Motion Systems
- ☞ Motion Controllers
- ☞ Pneumatic Systems
- ☞ Press Systems
- ☞ Rack & Pinion
- ☞ Screw Jacks



Electronics, Drives, & Controls Products

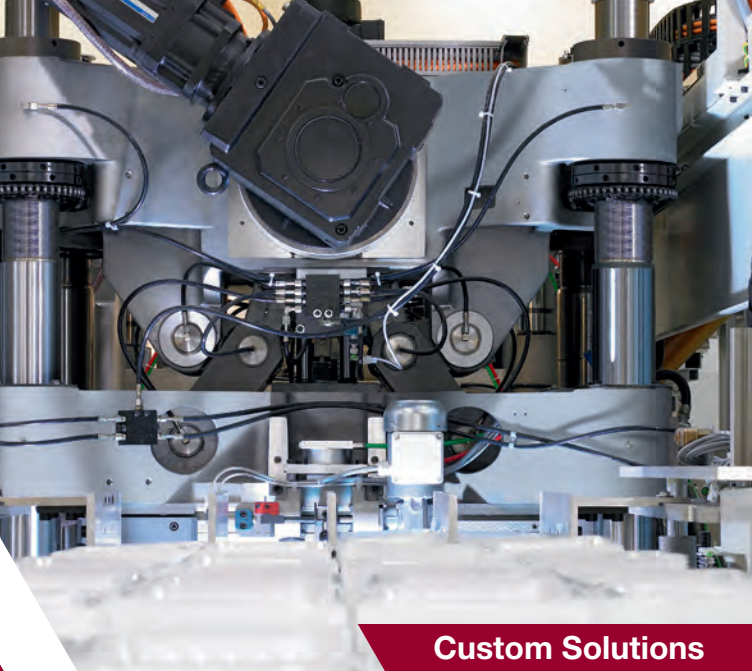
Morrell Industrial employs a flexible design concept for its controls systems. Designs range from small, compact, all-in-one servo-drive systems to large modular systems to panel free technology. These products provide exceptional diagnostic capabilities, including Industry 4.0 solutions. Our safety 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





Coil Feed Lines



Custom Solutions



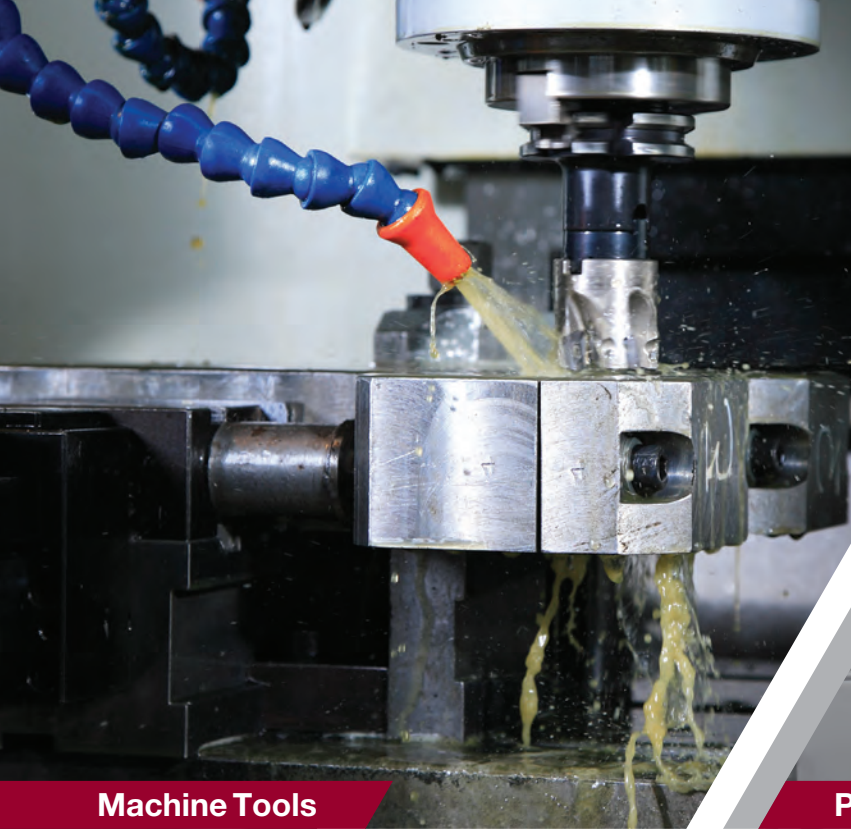
Automotive Assembly



Machine Safety



Aerospace Tooling



Machine Tools

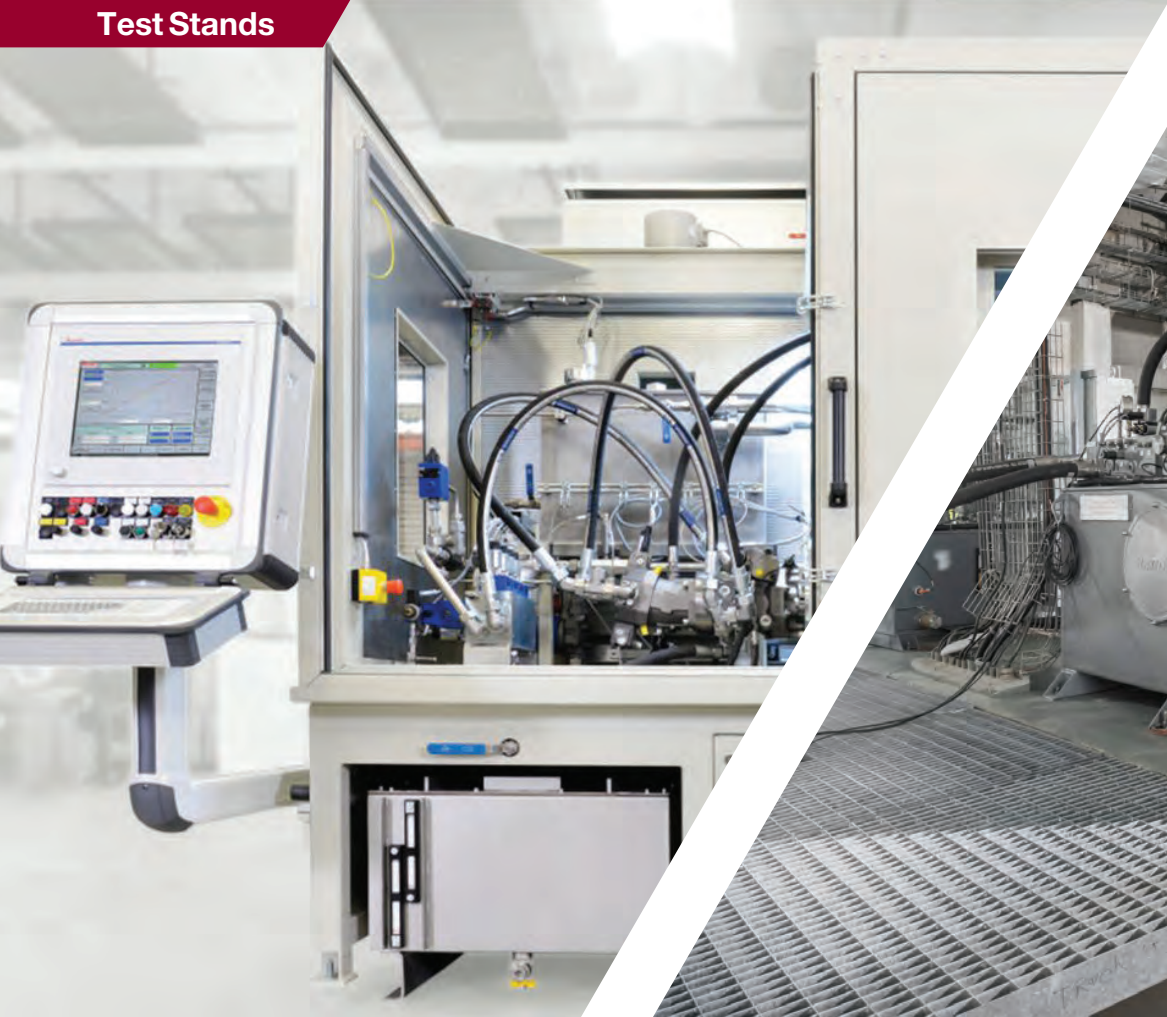


Plastics Machines



Custom Power

Test Stands





Hydraulic Products

Units



Morrell Industrial builds and provides fluid power systems and solutions. Our in-house engineering and manufacturing teams can meet the needs that arise from any application. Our vendor partners, committed to product development and innovation, support us on the leading edge of hybrid systems.

- ⌚ Accumulators
- ⌚ Control Valves
- ⌚ Filtration & Accessories
- ⌚ Fluid Monitoring & Conditioning
- ⌚ Manifolds
- ⌚ Power Units
- ⌚ Proportional & Servo Control
- ⌚ Pumps & Motors



Process &

Lubrication Products

A proper fluid power system reduces energy usage, operating costs, and maintenance hours while improving operational lifetime. Morrell Industrial 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
- ☞ Gas & Emissions Analyzers
- ☞ Process Measurement Technology
- ☞ Process Pumps
- ☞ Single-Line Lubrication Systems
 - Parallel Systems
 - Series Progressive Systems





Steel Mills



Lubrication Systems



Process Systems



Renewable Energy



Water Treatment Facilities



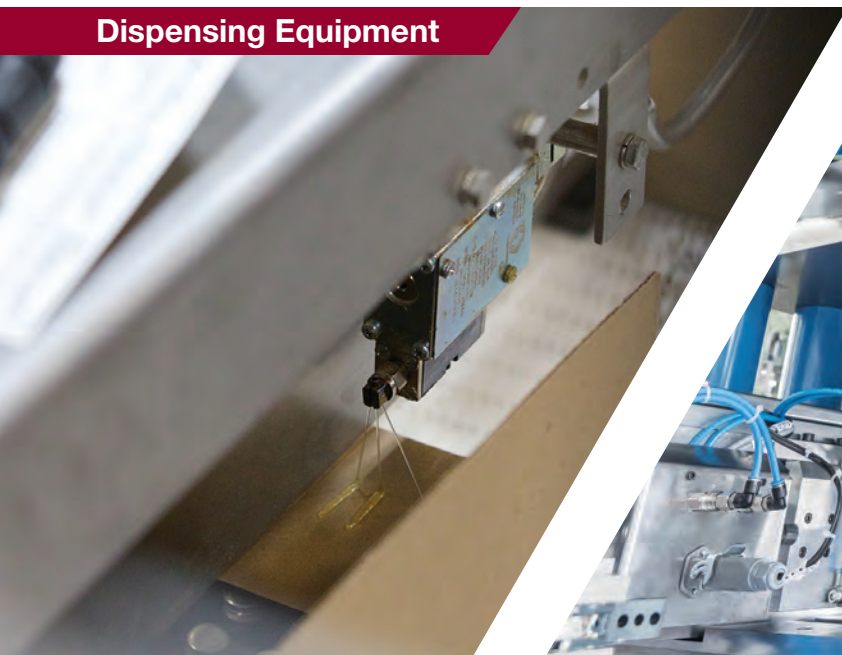
Automatic Tightening Station



Safety Critical Assembly Tools



Welding



Dispensing Equipment



Press Fit



Joining Technologies

Morrell Industrial's 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





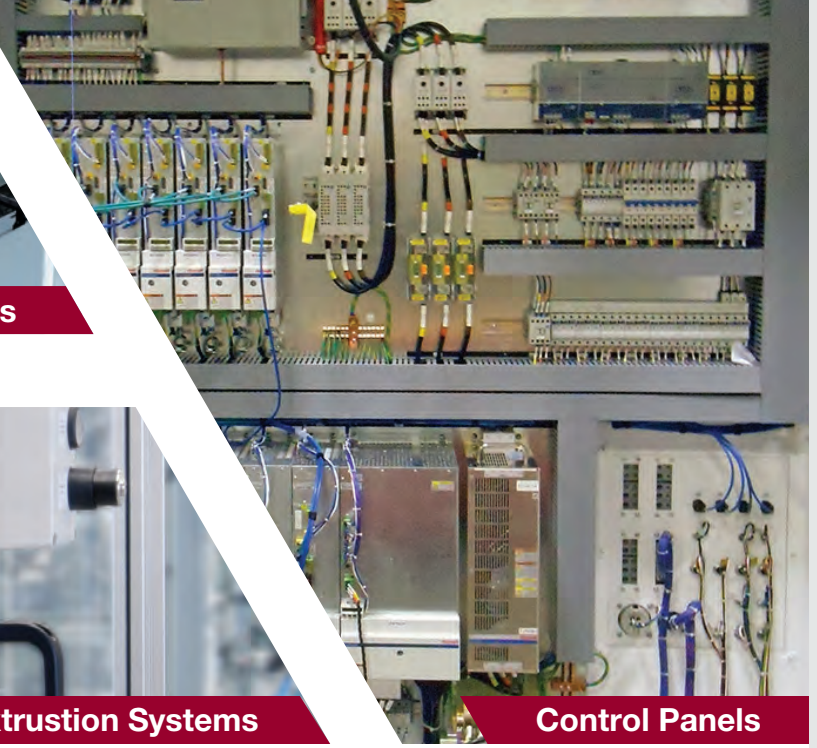
System Solutions

Morrell Industrial's complete suite of services includes concept development, design, engineering, and build and test capabilities from a single source. To optimize solutions for your applications, we draw upon our experience in industry-leading control platforms, including Rexroth, Allen Bradley and Siemens. Quality is a priority at Morrell Industrial. That is why we are an AS9100, IS9001, and UL508A approved supplier.

- ☞ Aluminum Extrusion Systems
- ☞ Autonomous Mobile Robots (AMR)
- ☞ Cobots
- ☞ Control Panel Build
- ☞ Controls & Hardware Design
- ☞ Conveyors
- ☞ Prototyping
- ☞ Research & Development
- ☞ Software Design & Engineering
- ☞ Track & Trace Systems (RFID, Barcode)
- ☞ Vision Systems (2D, 3D)



Machine Controls



Control Panels



Aluminum Extrusion Systems



Vision Systems



Conveyors



Software Engineering



Automation

Mechanical & Pneumatic

Products

Actuators
Air Preparation
Ball & Roller Rail Systems
Couplings
Electric Cylinders
Gearboxes
Linear Motion Systems
Motion Controllers
Press Systems
Rack & Pinion
Screw Jacks

Electronics, Drives, & Controls Products

Automatic Identification
Custom Cable Configurations
Machine Safety
Measurement Technology
PLCs & HMIs
Power Supply Distribution
Sensing Technology
Servo Drives & Controls

Joining

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



Fluid Power

Hydraulic Products

Accumulators
 Control Valves
 Filtration & Accessories
 Fluid Monitoring & Conditioning
 Manifolds
 Power Units
 Proportional & Servo Control
 Pumps & Motors

Process & Lubrication Products

Assembly Lubrication
 Control Valves
 Filtration
 Gas & Emissions Analyzers
 Process Measurement Technology
 Process Pumps
 Single-Line Lubrication Systems
 (Parallel Systems, Series
 Progressive Systems)

System Solutions

Aluminum Extrusion Systems
 Autonomous Mobile Robots (AMR)
 Cobots
 Control Panel Build
 Controls & Hardware Design
 Conveyors
 Prototyping
 Research & Development
 Software Design & Engineering
 Track and Trace Systems
 (RFID, Barcode)
 Vision Systems (2D & 3D)



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Disclaimer

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