



Morrell Industrial

A Division of Womack Group



Industrial Solutions



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**

Morrell Industrial functions as your partner, an extension of your engineering team. Rather than forcing you to adopt our business practices, we adopt to yours—seamlessly.

- Factory Trained Service Technicians
- Dedicated Product Management
- Maximum Stocking Levels
- Integrated Systems
- Application Engineering
- Custom Products & Solutions
- 3D Modeling & FEA Analysis
- Advanced Product Training
- Product & Machine Expertise
- Research & Development
- Product Launch Support
- Safety Reviews
- Prototyping

S**Systems Integrator**

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

- Service Technicians
- Application Assistance
- Committed Inventory Program
- Configured Assemblies
- Product Sizing & Selection
- Integrated Products
- Concept Engineering
- Training

V**Value-Added Distributor**

More than a mere supplier, Morrell Industrial provides attractive solutions built on a foundation of quality components and competitive pricing.

- 24/7 Support
- Customer Service
- Inventory
- Product Kitting
- Product Support

**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

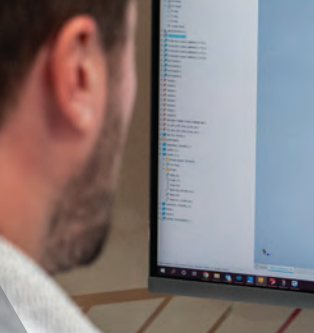
The Motioneers are a team of dedicated engineers who create custom conceptual engineering motion control solutions for industrial applications. Serving as an extension of your engineering team, the Motioneers collaboratively partner with you to learn and understand your application's requirements and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

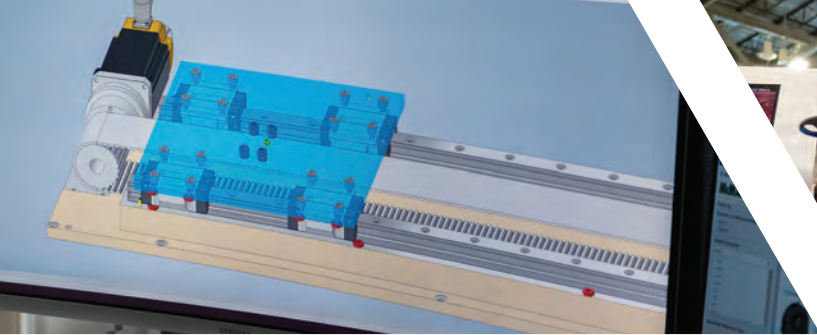
Technologies

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

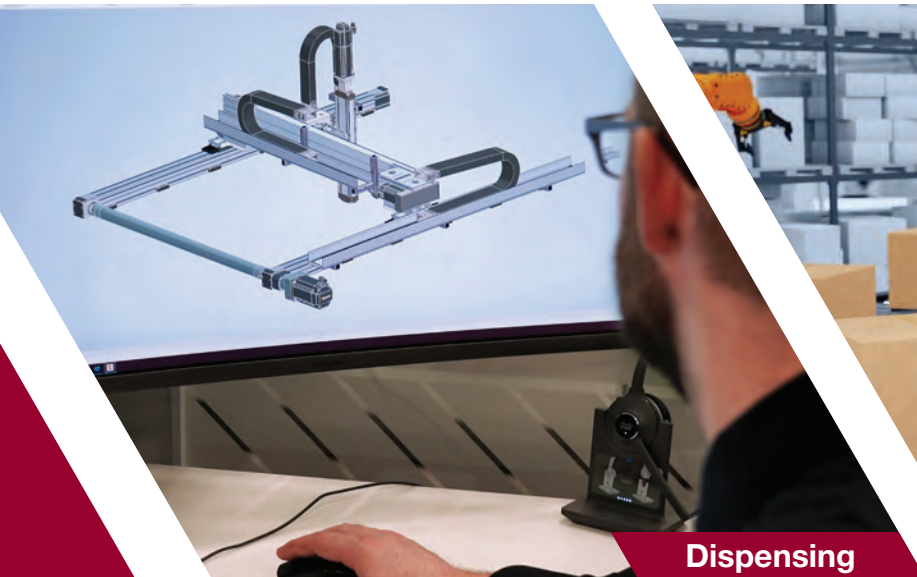
Industries

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





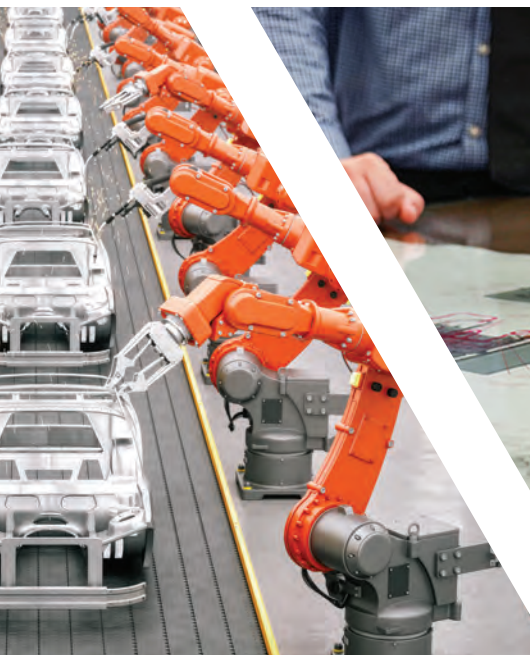
Aerospace



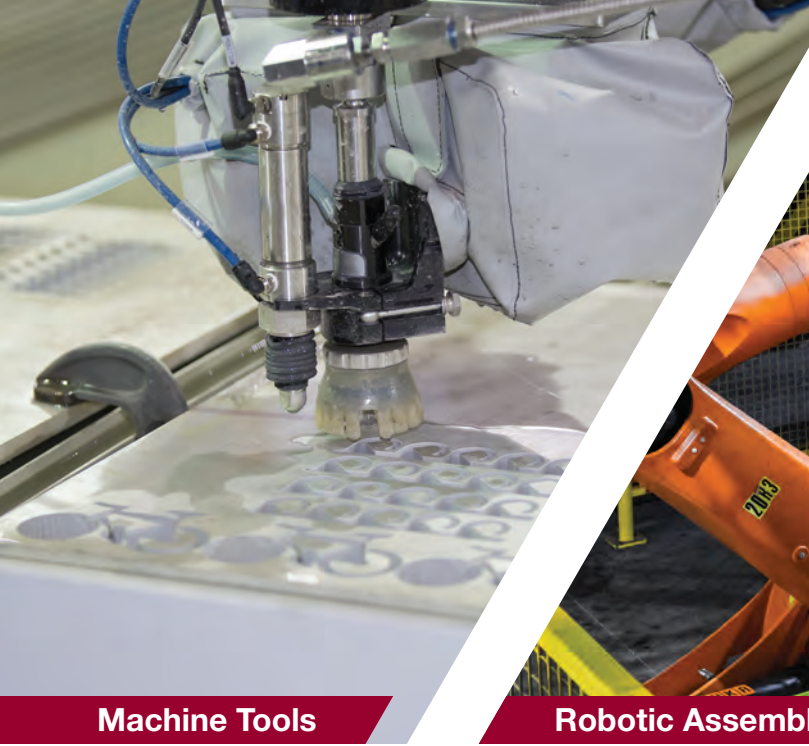
Dispensing



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
- ☞ Gear Boxes
- ☞ Electric Cylinders
- ☞ 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

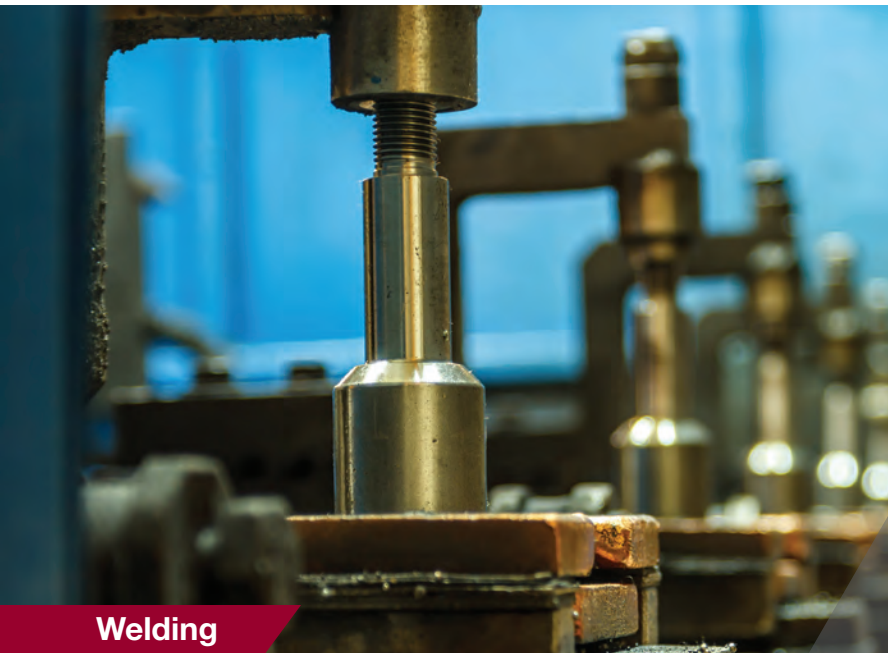




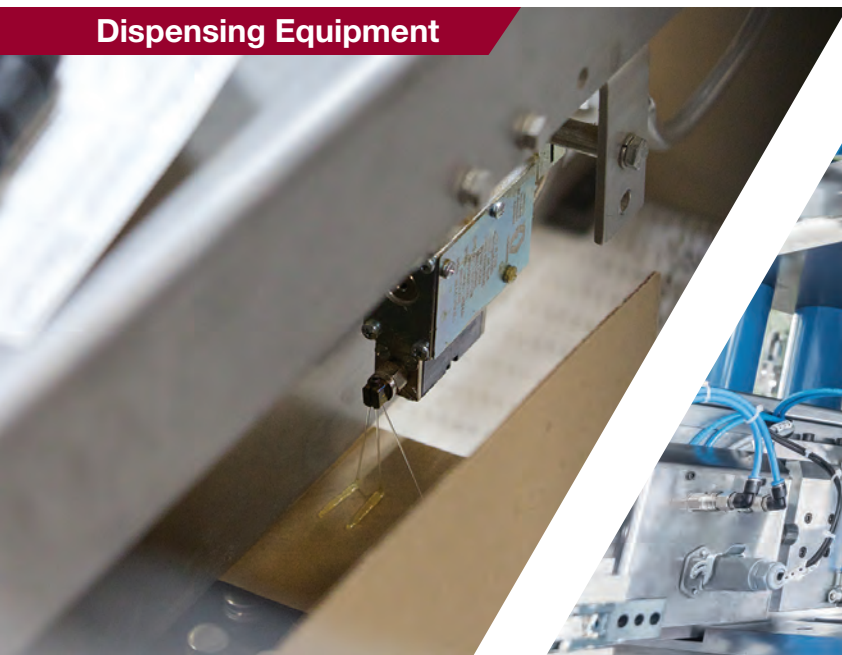
Automatic Tightening Station



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





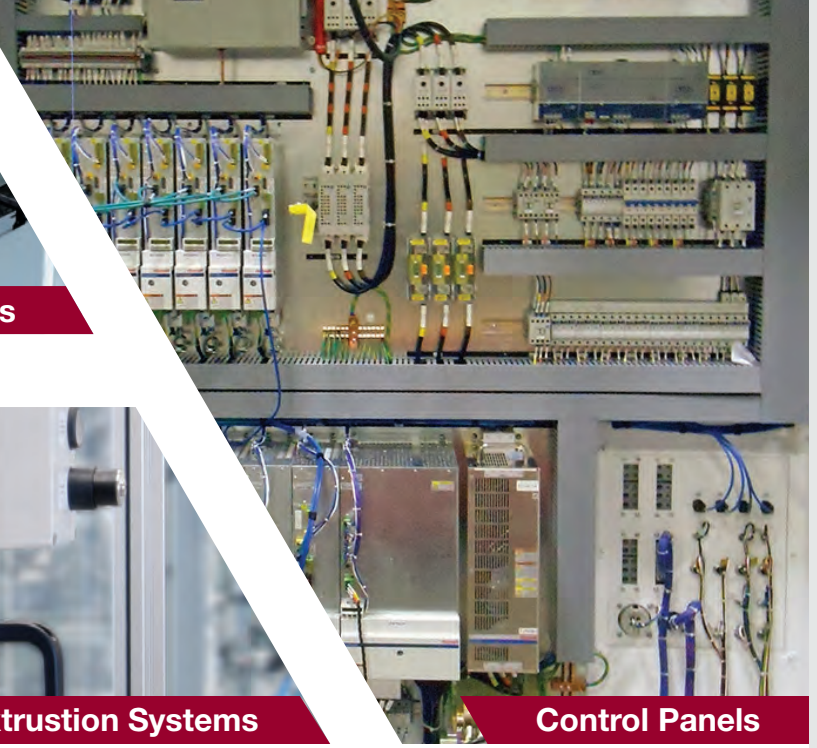
System Solutions

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)
- ☞ 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

Controls

HMI
PLC
Programming

Drives

Servo Drive Motors
Variable Frequency

Electronics

Auto Identification
Cables
Encoders
Gate Switches
I/O Link

Power Distribution
Safety
Sensors
Vision

Mechanical

Ball Screw Ball Transfer Units
Cartesian Gantries
Couplings
Electric Cylinders
Linear Actuators
Linear Bearings
Linear Bushings & Shafts
Gearboxes
Gear Rack & Pinion

Screw Jacks

Pneumatics

Compressed Air Preparation
Connection Technology
Cylinder
Drives
Electro-Pneumatic Devices
Pressure Regulators
Safety
Sensors
Vacuum Technology
Valves & Valve Systems



Joining

Metering Packages

Tightening Technology

- Handheld Nutrunners
- Interface Modules
- Tightening Spindles

Welding Technology

- Controllers
- Fieldbus Connections
- I/O Components
- Mid-Frequency Transformers

System Solutions

Aluminum Extrusion Systems

Autonomous Mobile Robots (AMR)

Cobots

Control Panel Build

Controls & Hardware Design

Conveyors

- Aluminum Framing
- ID Systems
- Manual Production Systems

Prototyping

Research & Development

Software Design & Engineering

Track and Trace

- 1D & 2D Code Reading
- Goods Receipt
- Outgoing & Receiving Areas
- Read & Write RFID Tags

Vision Systems

- 2D & 3D
- Inspection
- Measuring
- Positioning
- Reading



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Disclaimer

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