

MorrellGroup 
Evolution in Controls



Industrial

Solutions



Core Values

Accountability
Balance in Work and Life
Collaboration
Commitment
Community
Employee Empowerment
Integrity
Respect

Meet Morrell Group

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



**Our
Elements
of Success**

**Complete
Life-Cycle
Support**



THINK



PLAN



DESIGN

E**Engineering Partner**

Morrell Group 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 Group 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**



Meet Morrell Group

Morrell Inc. began as a trusted resource for premier components, and over the last four decades evolved into the Morrell Group, 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 tasks. By leveraging our group members' diverse industry experience and product knowledge, we engineer technically superior solutions with sustainable value.

Where

Intelligence

Drives

Innovation

morrell

A trusted resource for the design, build, installation, and maintenance of electrical, hydraulic, pneumatic and lubrication systems built solidly on these components.

- Priority access to industry leading components
- Unparalleled experience in component application
- Industry leading system and subsystem development



stegner^{•••••} controls

A world-class provider of solutions for electrical and motion control systems – from simple panel builds to the full integration of complex, turnkey systems.

- Tremendous experience in more than 80 critical capabilities
- Complete life-cycle support - niche to total solutions

stegner^{•••••} aerospace

A focused business unit to handle the automation of tools used in the manufacturing and assembly of commercial and military aircraft, rockets and satellites.

- Simplify flexible automated tooling
- Value-added concept engineering processes

morrell^{•••••} defense

A focused business unit structured to provide the breadth and depth of Morrell Group's design, engineering, prototyping, manufacturing, sourcing and procurement capabilities on military vehicles.

- System integration solutions
- Subsystem efficiency solutions
- Space and weight reduction
- COTS Technical Readiness for Military Levels 1-5 and 6-10

Innovation that

Keeps You Moving



Morrell Group is dedicated to and equipped for keeping your systems moving throughout the Industrial 4.0 revolution. We align the needs of your organization to engineer flexible, fully-connected solutions so you can proactively adapt to the market's ever-shifting demands.

**NOW**

- Linear, sequential operations
- Largely manually controlled production
- Limited scope of data collected

NEXT

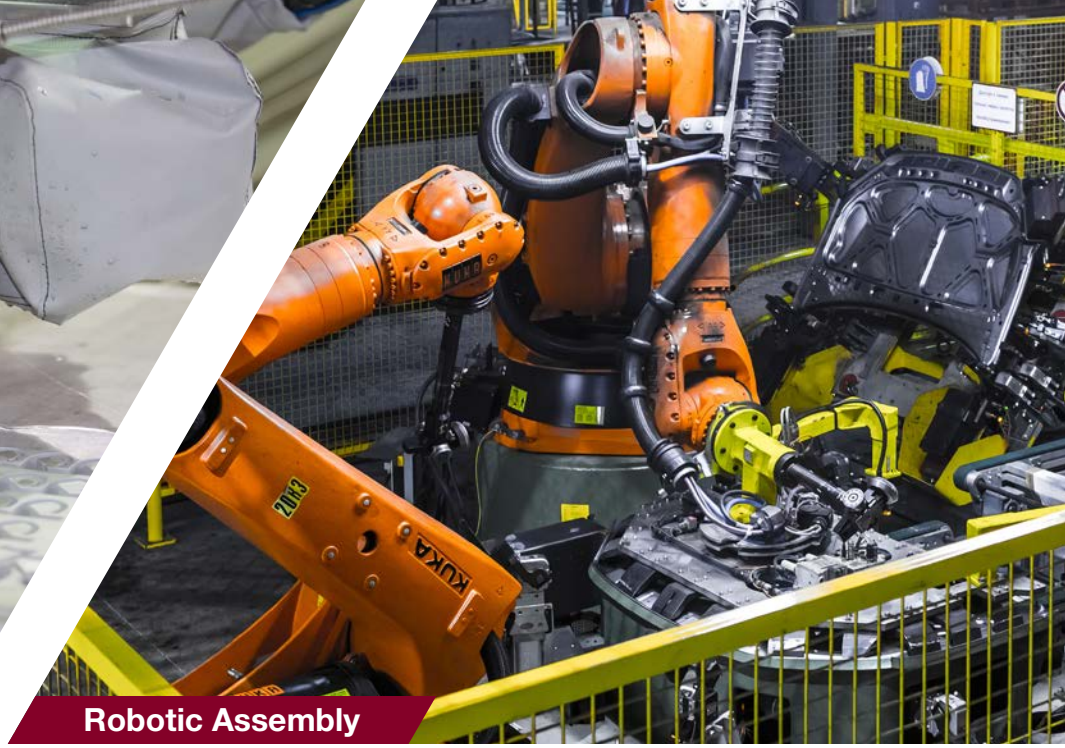
- Union of the digital & physical worlds
- Real-time data visualizations
- Digital supply networks drive production & distribution

BEYOND

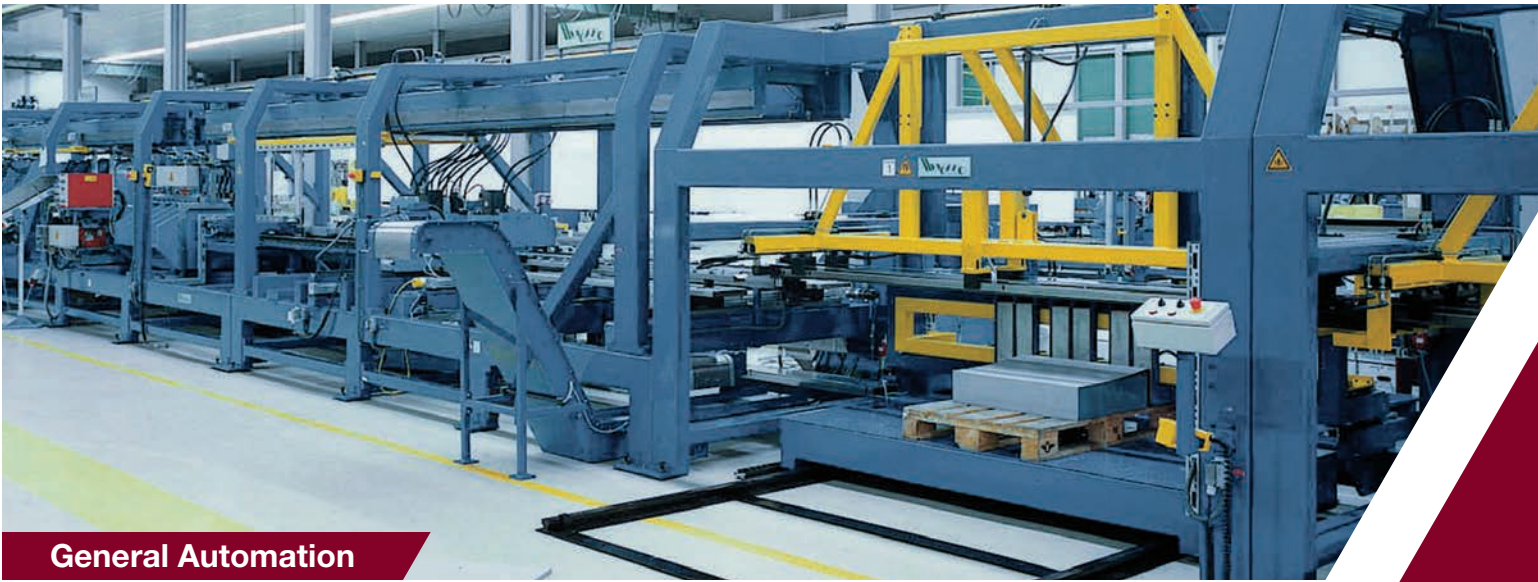
- Ongoing evolution of factory modernization
- Production carried out with minimal intervention
- Seamless networking across plant operations, field devices, controls & supply chain networks



Machine Tools



Robotic Assembly



General Automation



Bottling Lines



Mechanical &

Pneumatic Products

Morrell Group 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

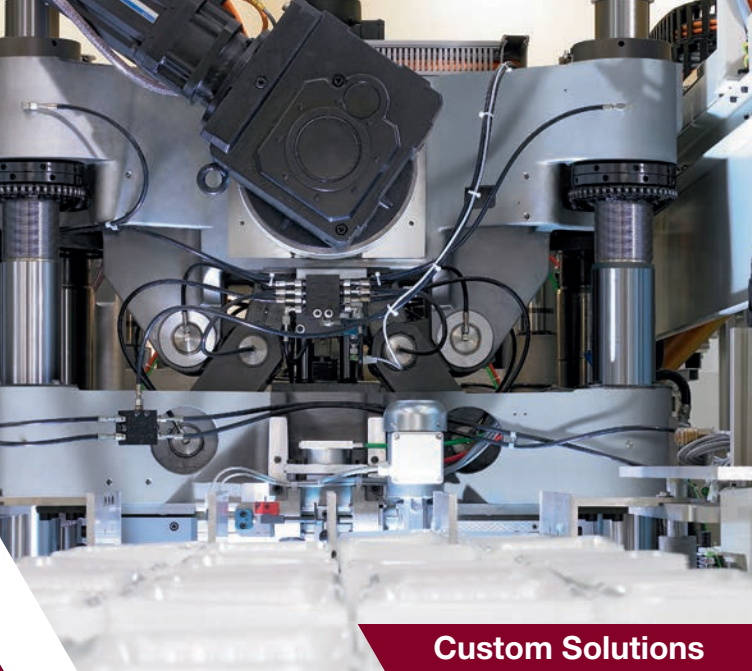
Morrell Group employs a flexible design concept for its controls systems. Designs range from small, compact, all-in-one servo-drive systems to large modular systems to panel free technology. These products provide exceptional diagnostic capabilities, including Industry 4.0 solutions. Our safety product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



Machine Safety



Automotive Assembly



Aerospace Tooling



Machine Tools



Plastics Machines



Test Stands



Custom Pow



Hydraulic Products

More than just providing fluid power systems, Morrell Group builds solutions, too. 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

Power Units





Process &

Lubrication Products

A proper fluid power system reduces energy usage, operating costs, and maintenance hours while improving a system's operational lifetime. Morrell Group uses best-in-class components to provide flexible and reliable solutions. Our compact yet robust systems enable both 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



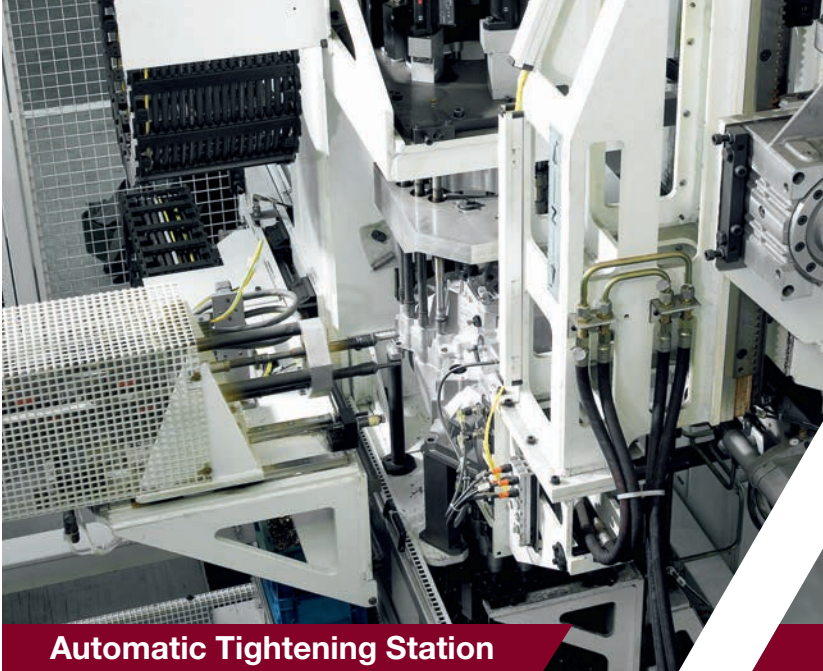
Process Systems



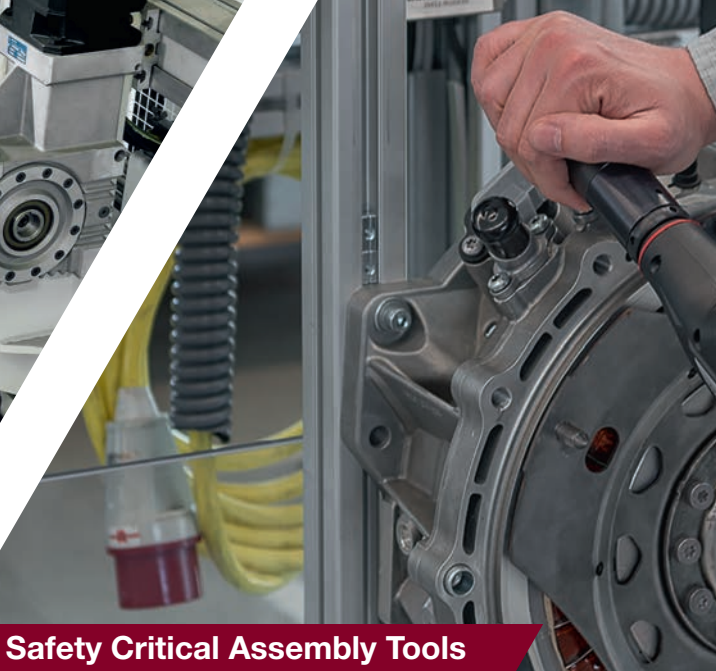
Renewable Energy



Water Treatment Facilities



Automatic Tightening Station



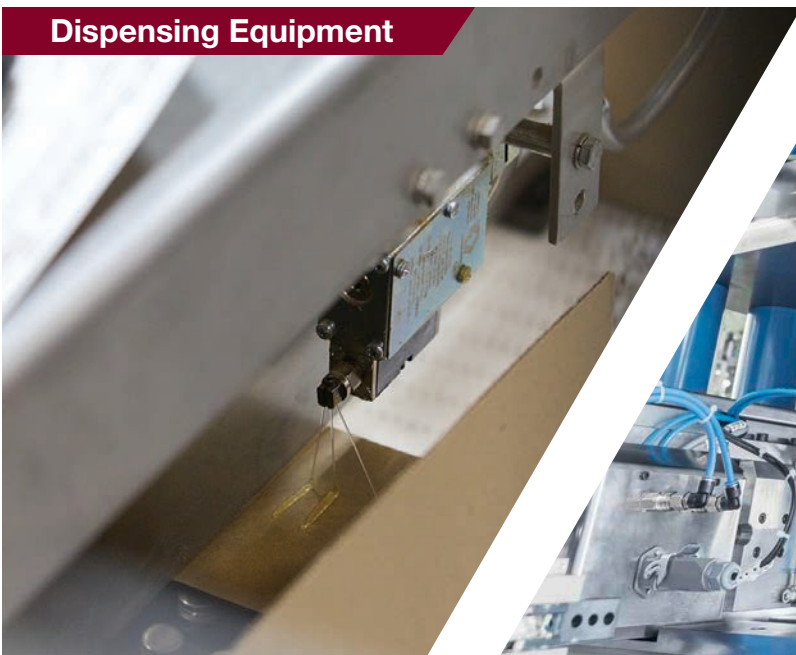
Safety Critical Assembly Tools



Welding



Press Fit



Dispensing Equipment



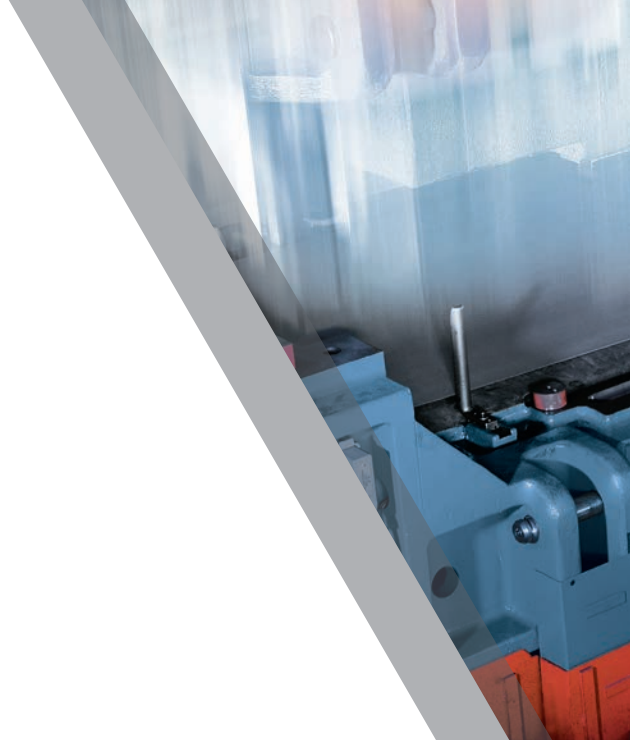


Joining Technologies

Morrell Group's innovative solutions simplify the challenges presented by the changing 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

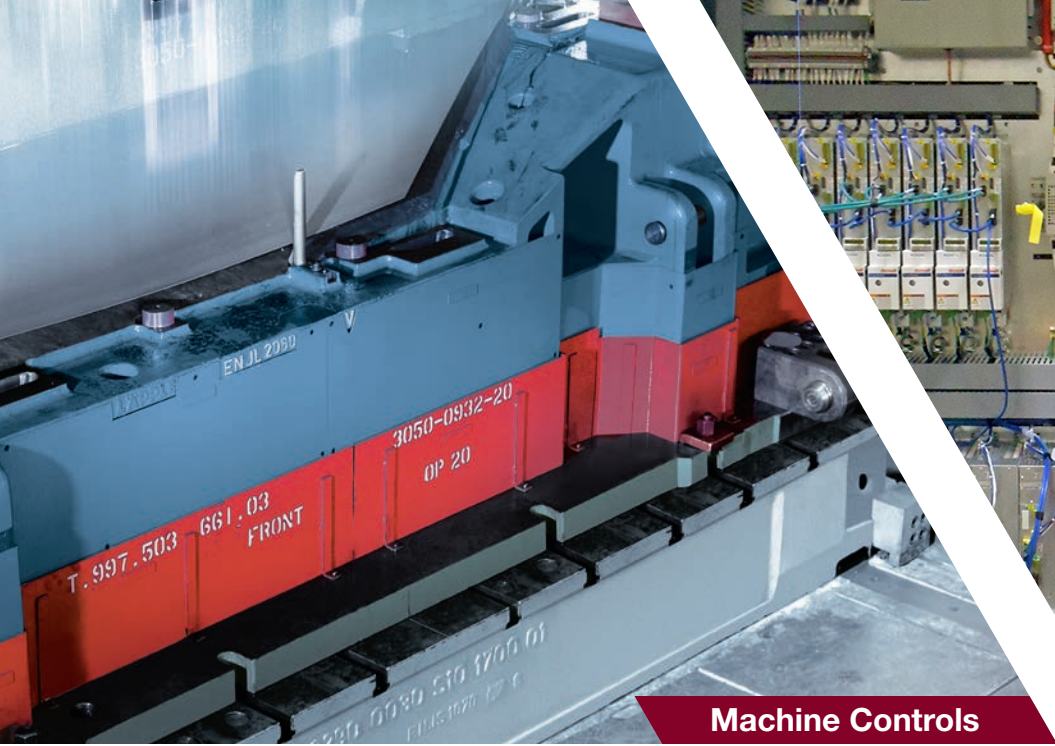




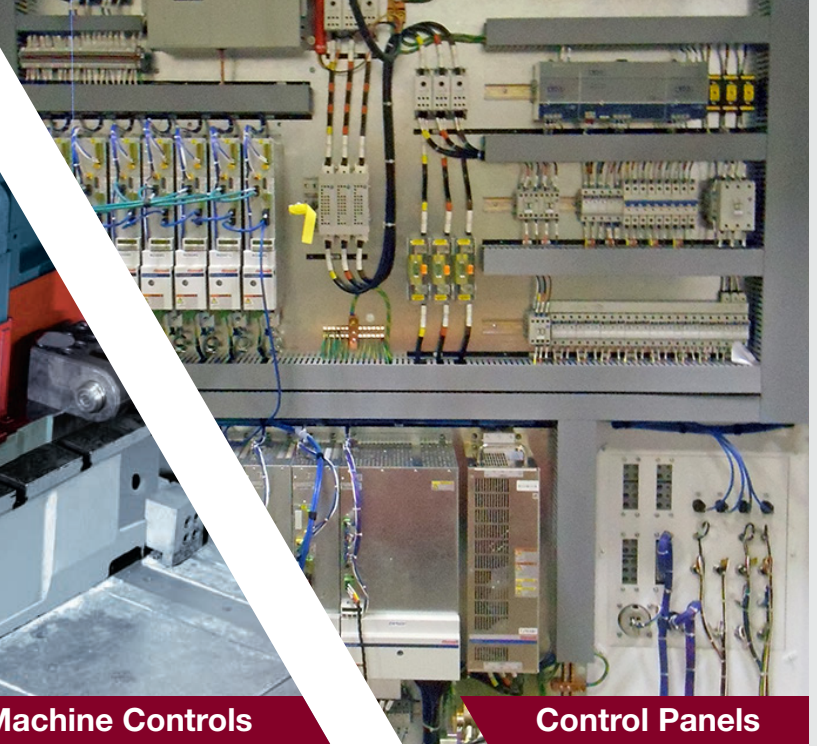
Integrated Solutions

Morrell Group'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 #1 at Morrell Group! That is why we are an AS9100, IS9001 and UL508A approved supplier.

- ⌚ 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



Vision Systems



Conveyors



Software Engineering

E
Engineering
Partner

S
Systems
Integrator

V
Value-Added
Distributor

rexroth
A Bosch Company

HYDAC

SICK
Sensor Intelligence.


EMERSON | **AVENTICS**

 **GRACO**


DOPAG

S
Systems
Integrator

V
Value-Added
Distributor

APEX DYNAMICS, USA

 Cone Drive

EUCHNER

EXLAR

JOYCE

LEANTECHNIK

V
Value-Added
Distributor

ATLANTA

Daiman
DRIVING EXCEPTIONAL PERFORMANCE


GAM

Hanna
cylinders

Made for Motion **KTR**


Amatic

MURR
ELEKTRONIK
stay connected

nexen.

R+W
A POPPE + POTTHOFF COMPANY

RTi

WIKAL
Part of your business

A background image showing industrial machinery, likely a manufacturing process involving a large metal component and a green material being processed. The image is partially obscured by a white diagonal shape.

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

Fluid Power

Accessories

Cartridges
Clamps
Flow Control

Accumulators

Bladder
Diaphragm
Piston

Cooling Systems

Cylinders

Mill Type
Tie Rod

Electronics

Coils
Controllers
Diagnostic Equipment Displays
Encoders
Sensors
Valve Amplifiers

Filters

Filters
Filtration Systems

Lubrication

Automatic Controllers
Automatic Grease & Oil Pumps
Flow Divider Valves
Grease & Oil Injectors

Manifolds

Motors

Axial Piston Motors
External Gear Motors
Radial Piston Motors
Vane Motors

Power Units

Pumps

Axial Piston Pumps
Gear Pumps
Radial Piston Pumps
Pump Assemblies
Vane Pumps

Joining

Metering Packages

Tightening Technology

Handheld Nutrunners
Interface Modules
Tightening Spindles

Welding Technology

Controllers
Fieldbus Connections
I/O Components
Mid-Frequency Transformers

Integration

Cables

Control Panels

Conveyors

Aluminum Framing
ID Systems
Manual Production Systems

Track and Trace

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

Vision Systems

2D & 3D
Inspection
Measuring
Positioning
Reading



**Moving the
Midwest**

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Auburn Hills
248-373-1600

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616-583-9390

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Indianapolis
317-849-7007

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Disclaimer

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