

DRIVES AND CONTROL SYSTEMS



Your Web Handling Control System Experts



M.R. SNYDER
COMPANY

At M.R. Snyder, we specialize in the integration of control systems, focusing on the design and implementation of advanced control solutions tailored for manufacturing, processing, and various industrial environments. We have strong expertise in all manner of web handling applications.

BUILDING NEW CONTROL SYSTEMS OR RETROFITTING EXISTING ONES



Our company can assist you with integrating new equipment into your production line. We can completely replace problematic or obsolete control systems, or work with you to create new ones.

We specialize in coordinated drive control systems, particularly in the web handling industry. Since our founding in 1945, we have gained extensive experience working with variable speed drives, tension control and winding. In the beginning, we primarily focused on textiles. Today, we work with a diverse range of materials, now encompassing paper, films, metals, glass and tire production. And our primary solution partners are Siemens, AB and Yaskawa.

FROM DESIGNING & SYSTEM DEVELOPMENT TO TRAINING & MAINTENANCE

Once your system is successfully implemented, we offer exceptional customer support for your mission-critical operations, which includes training your personnel to fully leverage the capabilities of your systems. Our primary goal is to minimize downtime and maintain peak performance, achieved through our robust maintenance programs, provision of replacement parts, and specialized repair services.

SERVICES

Industrial Control System Engineering & Development

We provide the following services for upgrading/creating control systems.

- PLC Software Programming
- HMI Application Development
- SCADA & VFD System Programming
- Motor/Gearbox Specification & Supply
- Safety System Specification & Supply
- Full electrical design (PE's on staff)
- Full electrical installation as needed
- Remote support implementation

Coordinated Drives & Drive System Integration

We offer full service custom design and/or retrofitting for various applications.

- AC/DC/Servo
- Web Handling/Tension Control
- Winding/Unwinding
- Coating/Laminating Applications
- Accumulator Systems
- Rolling Mills/Tension Levelers/Slitters
- Warehouse Automation

Control Panels

We design, assemble, wire and test control panels to your specifications.

- Panel Fabrication and Retrofit
- UL 508A Panel Shop
- Custom Designs



Data Collection and Reporting

We can collect all your important process data so you can view trends live and store this data for as long as desired. This is invaluable for quality control and process diagnostics and improvement.

- Synchronized Video Capture – We can capture video of critical sections of the machine and synchronize it to the data being collected. Machine operators can't see everything all at once, this can.

Integration of PLC Control Systems

We can replace obsolete systems, modify existing systems, and improve systems that don't work well.

- Discrete & Process Automation
- Safety Systems
- Certified experts on Siemens and AB PLC systems
- We create well-documented, easy to follow code
- We provide all programs to the end customer

Support & Maintenance

We make sure your system continues to perform optimally. Our experts become your partners in taking care of your system throughout its life.

- Onsite & Remote Support & Diagnostics
- System Commissioning
- Software and Spare Part Evaluation
- Post-Installation Training

BENEFITS

Streamline Processes
Optimize Resources
Reduce Downtime
Improve Efficiency & Safety
Increase Productivity
Ensure Quality Products

INDUSTRIES SERVED

Metal
Paper
Film
Textile
Fiber & Tape
Non-Woven
Tire

No matter the industry, we are happy to evaluate your system and develop a solution to improve your production.



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