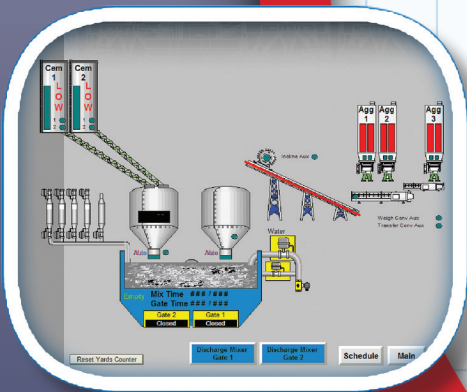


Electronic
Controls

 **John Henry Foster**
pneumatic and hydraulic equipment

Controls & Engineering



Custom Electrical Controls

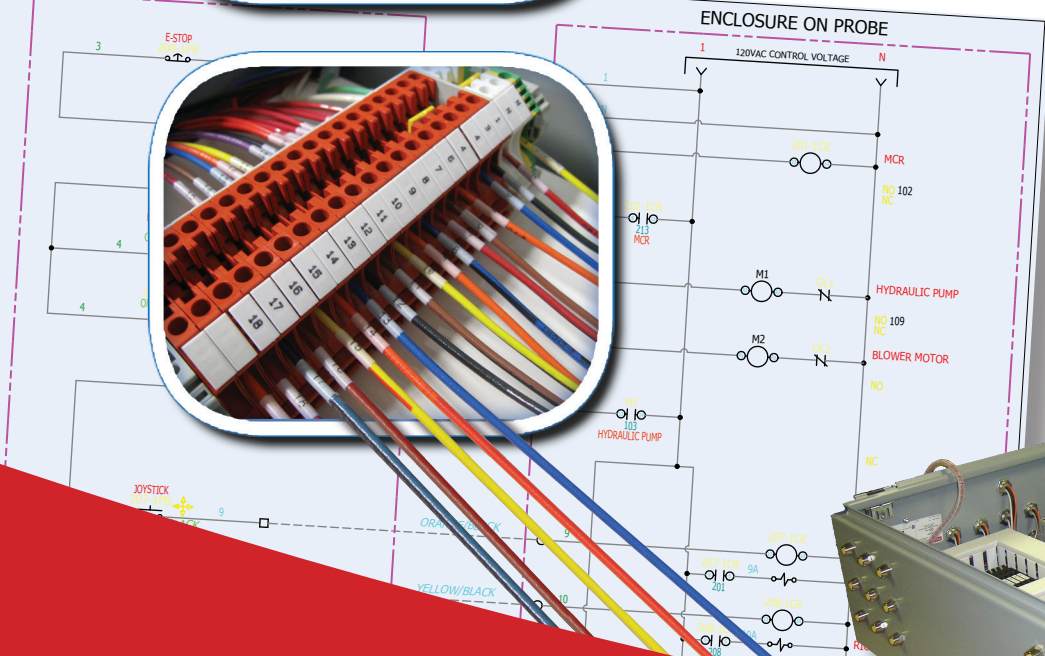
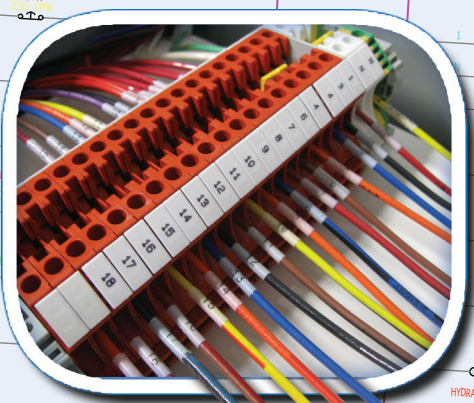
Motor Starter and PLC Panels, Mobile & Wireless Controls, Full Schematics

We can design, build, and startup a fully functional, turn-key control system for your automation requirements. Whether it be a system rated to withstand harsh environment conditions such as temperature, humidity, and vibration or a wireless solution to control components remotely, JHF has the resources and expertise to put you in control.

One Stop, Turnkey Solutions We work with automation products in process control and manufacturing or systems integration. Our experience includes working with the following: PLC's, Hydraulic and Electrical Servo Motion Controllers, AC/DC Drives, Electronic Operator Interface, HMI Software, Process Controllers, Robotics and other systems.

Cooperative Design We understand that your input is paramount — not only before actual system design begins but throughout the entire project. We leverage your knowledge of the process and your preferences.

Customized Design We create accurate system drawings using software AutoCAD® and ProE®, insuring ease of assembly and startup. And the completely annotated system software enables ease of maintenance for years to follow.



Engineering Services

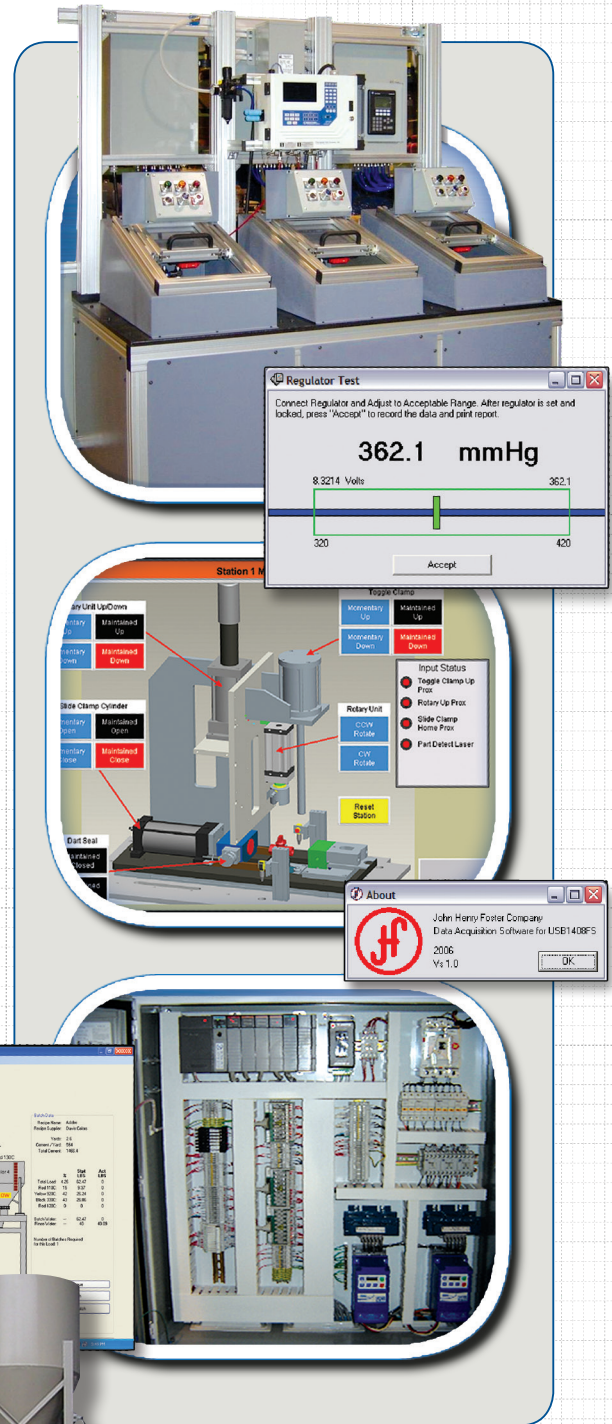
Custom Test Stands, Data Acquisition, Custom Software

Custom Test Stands We've designed and built accurate and reliable custom test stands and equipment for numerous applications. These stands are capable of testing cylinders of various stroke, bore, pressure, and flow. Adjustable pressure and flow controls with readouts are included. At www.customteststands.com you can see examples of test stands we've created and learn more about our capabilities.

Data Acquisition Working closely with our customer, JHF will determine requirements such as user definable data points, required inputs/outputs, ability to save information and overall operation.

Custom Software JHF can set up a system that includes a configurable sequence of operation capable of automated data acquisition, control, and shutdown. We can even make sure it is expandable for future needs.

Visit our *Electronic Controls* area under the *Services* section of www.jhf.com to see case studies and real-world examples of how we can help you.



Contact Us Today
We're ready to meet your custom needs!
314-427-0600
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Electronic Controls

Motion Control

- Control YOUR process motion using electric, pneumatic, or hydraulic actuators
- Open or closed Loop application
- Precision control down to thousandths of an inch!

Data Acquisition

- Standard database interfaces including SQL, Access, and Microsoft Excel
- Customized reporting
- Interface to most common programmable control systems

Test Stands

- Hydraulic, pneumatic, electrical testing
- Leak and pressure decay testing
- Customized operator interfaces, sequences, data collection, and reporting
- See examples at www.customteststands.com

Batching

- Reliable, accurate, and quick batching controls
- Customized recipe database
- Complete data collection and reporting
- Graphical driven interfaces

Process Automation

- Increase productivity
- Minimize downtime
- Proven operations
- Wired and wireless options available



About John Henry Foster

John Henry Foster Company is a full-line fluid power distributor with territories covering parts of Missouri and Illinois and is the Midwest leader in fluid power sales. We have been serving our customers in Missouri and Illinois for over 60 years! Please visit www.jhf.com to learn more about us.

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