

JVH Engineering, Inc.

Allen-Bradley Based Application Solutions

Structural Foam Control System

Features

Structural Foam Solutions

- Controls Retrofits
- Hydraulic Upgrades
- Process Improvements
- Data Collection

Allen-Bradley Controller

- ControlLogix/CompactLogix
- PLC/SLC
- "Off the Shelf" Components

Bosch-Rexroth Digital Axis Controllers

- High speed digital controller
- Injection/Clamp Control
- DeviceNet Communications
- Active Damping
- "Bumpless" Pressure Control

Touch Screen HMI

- 15" VersaView Industrial PC
- Factorytalk View ME/SE
- Recipe/Mold Data Storage
- Security

Sequential Injection Control

- Closed Loop Injection
- 12 Independent Sequences
- 3 Velocity Steps/Sequence
- Nozzle Assignment/Control
- Gas Assist Integration

Distributed Control

- ControlNet
- DeviceNet
- Ethernet

Distributed Control

- Design & Drawings
- Installation & Programming
- Training & Manuals
- Retrofits for Siemens, Barber-Coleman and more



Realizing all of your equipment's potential is critical now more than ever in manufacturing. This means reducing cycle time, scrap, material used and minimizing downtime. JVH's Structural Foam controls solution will help you get the most out of your processing equipment.

Our turnkey retrofit provides multiple shots with up to 12 independent injection sequences allowing the assignment of various nozzles to each sequence. This enables the user to set up several molds/cavities in one cycle. This multi-shot approach to structural foam injection lowers cavity pressure allowing larger surface area tools to run in smaller equipment.

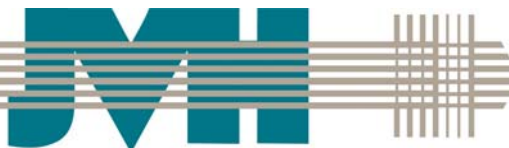


With Rockwell's diverse PLC architectures, JVH can bring full machine control under one roof. Rockwell's Enhanced PID algorithm built into the Logix based processors provide low cost heat/cool loops. And with Allen-Bradley's legendary reputation for dependable products and Rockwell's powerful distribution channels machine downtime is minimized.

Ethernet connectivity to JVH's PC based HMI application provides the user with a clean and simple format to configuring process parameters. DeviceNet communications to Bosch-Rexroth digital axis controllers provide precise clamp, injection and backpressure control with nearly infinite flexibility and scalability.

Not only does a JVH control solution provide one of the highest performing systems available today, but we also empower the end user with the tools needed to effectively modify and customize the hardware and software to make the machine control system infinitely flexible and fully scalable.

Contact us today to learn how JVH can help your company realize all of your equipment's potential.



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