



## 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
- Ethernet Communications
- Active Damping
- “Bumpless” Pressure Control

### Touch Screen HMI:

- 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

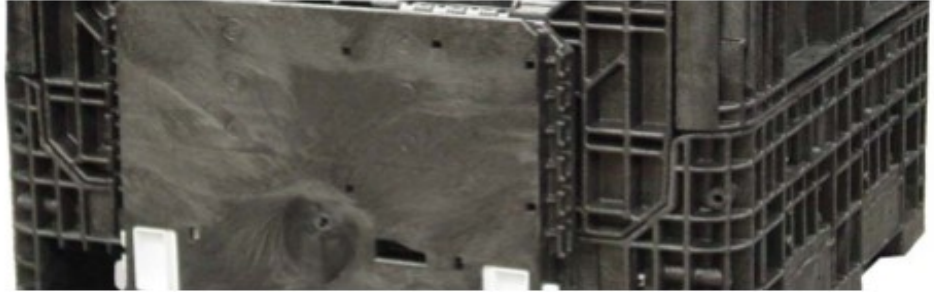
### Distributed Control:

- ControlNet
- DeviceNet
- Ethernet

### Distributed Control:

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

## Structural Foam Control System



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 Automation® PLC architectures, JVH can bring full machine control under one roof. Enhanced PID algorithm built into the Logix® based processors provide low cost heat/cool loops. The legendary Allen-Bradley® reputation for dependable products in conjunction with Rockwell Automations® powerful distribution channels, your machines downtime will be minimized. JVH’s PC based HMI application provides the user with a clean and simple format to configuring process parameters. And 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.



\* For all quotes and support please visit [www.jvh.com](http://www.jvh.com) to fill out the free quote form or email our team at:

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