

JVH Engineering, Inc.

Allen-Bradley Based Application Solutions

Obsolete Processor Solution

Features

Migrate from 1747-L5xxP

- Use any SLC processor
- Reuse existing HMI (Upgrade Available)
- Reuse existing I/O Modules

High Performance Injection Control

- Bosch-Rexroth DPQ-2X
- Use existing sensors
- Use existing valves
- True closed loop control for more repeatable shot

High Performance Clamp Control

- Bosch-Rexroth DPC
- Use existing sensors
- Use existing valves
- True closed loop control for faster cycles

Simple Tuning

- No more OLT tune
- No need to re-tune for each mold
- Set it and forget it

Improved Diagnostics

- Easy to use Bodac software
- Trace pressures, positions, valve output and more

Full Integration

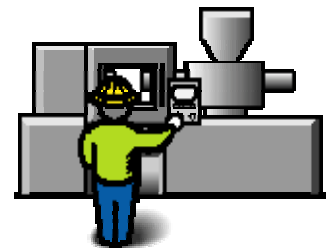
- Single day integration
- Design & Drawings
- Installation & Programming
- Training & Manuals

Low cost migration for obsolete Pro-Set 200 processors

1747-L542P, 1747-L543P

1747-L552P, 1747-L553P

Minimizing machine downtime typically plays a critical roll in today's molding business models. With increasing competition, utilizing each machine to it's fullest potential requires molders to make certain their equipment has spare parts available.



JVH Engineering has designed a cost effective, easy to integrate migration path for Pro-Set 200 to allow the use of a standard SLC processor—removing the need to continue using the now obsolete “P” processor.



JVH's Pro-Set 200 migration solution removes the use of the “ERC2” firmware from the original p-type processor allowing the use of either the original processor or a new SLC. The core of the machine sequence all still resides in the SLC processor leaving the ability to modify and manage the existing ladder logic program.

Our design employs the proven digital axis control modules by Bosch-Rexroth. By removing the control from the 10+ ms scan of the SLC and moving it to the 2ms scan of a third party controller, substantial performance and repeatability improvements are realized. This means no more difficult OLT Tuning (Open Loop Tuning) procedure to re-tune your machine. With the Bosch-Rexroth module, tuning is a “set it and forget it” process.

The addition of DeviceNet communications to the system allows all parameters to be set in the HMI and sent to the digital axis control modules. Commands are sent to the module through polled I/O. Feedback is then sent from the BR controllers to the SLC to allow the ladder logic to manage all machine sequencing.

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



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