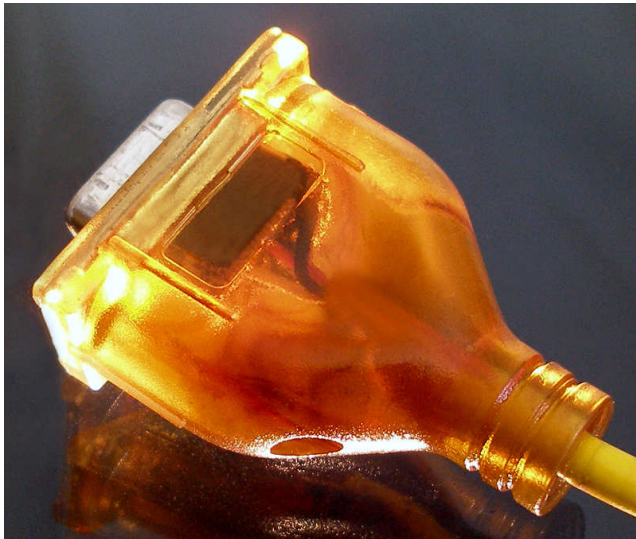




LOW PRESSURE MOLDING

-Speeds and Simplifies Over-molding of Delicate Parts



Recently, a customer approached QSI about developing a low-pressure over-molding system for delicate electrical components. Their current process involved potting the components, a several step process that takes nearly 24 hours to cure.

Drawing on our custom automation and injection molding experience, QSI designed a C-frame style pneumatic clamp system, providing one ton of clamp pressure and open access to three sides of the lower mold half. An ITW Dynatec hot melt system was integrated for material delivery. The gear motor operated through a variable frequency drive using an Allen Bradley PLC. A positive displacement gear pump is used to inject the low viscosity materials. The system is capable of (3) injection profiles per cycle, providing superior control over the inject process. Cavity pressures range from 30 to 300psi.

Typical components for low pressure over-molding are sensitive electronic components, PCB's, grommets, strain reliefs and glass components. Please contact Rich Taube at QSI for more detailed information on our new line of low pressure molding systems.



MANAGEMENT NEWS

**- Jason Munk to VP and General Manager
- Jeff Dull to Manager Automation**



Jason Munk

Jason (JT) Munk has been named vice president and general manager of QSI Automaton Inc. JT's employment at QSI began 10 years ago, performing in controls and mechanical engineering design. His latest responsibility was in the automation group where his background in automation concepts and applications were of great value to customers.

JT obtained his BS in Computer Integrated Technology and Associates in Mechanical Engineering Technology from Purdue University. He is currently pursuing an MBA from Indiana University.

Reporting to JT will be all departments: Automation, Mold Design and Manufacture, Feeder Systems, Rebuild, as well as Accounting and Sales and Marketing.

Jeff Dull has been named Automation department manager. Jeff will have responsibility for all automation projects as well as the company-wide engineering department.

Jeff has served at QSI for 15 years with increasing responsibility. He received his education in electronics and controls engineering at DeVry University in Chicago. His electrical and mechanical background coupled with extensive automation experience make him a valued asset for customer applications and solutions.



Jeff Dull

SALES INITIATIVE

- Seeking additional opportunities

QSI is always looking for new opportunities and have been aggressive in seeking new customers as well as expanding our sales rep network. Unfortunately, our Sales Manager, Mark Garrison, is pursuing a new opportunity with the Society of Plastics Industry (SPI) and we wish him the best.

We want to ensure you that QSI will continue with the sales initiatives currently in place. We will continue our drive to establish outside representation while we begin the search for a qualified Sales Manager.

Please let us know how we may assist you.

J.T. Munk-Vice President Dave Erdly-Feeder Systems
Jeff Dull-Automation Don Patrick-Injection Molds
Rich Taube-Mold Machine Rebuild



Automated Assembly & Test Systems • Insert Molding Systems
Feeder Systems • Vertical & Horizontal Injection Machine Rebuilds, Retrofits, Service
Injection Mold Design & Manufacture • Vision Systems • Custom Fabrication