



TWIN VERTICAL TACKLES THE TASK

Cost Effective 2-Component Molding

Two 40 ton vertical C-frame injection molding machines with independent controls and hydraulics are coupled to a common custom-designed rotary table for 2-shot (color or material) molding. Machine 1 injects the first material and Machine 2 injects the second material over the first material. The machines can be separated into a rotary table machine and a stationary table machine for application flexibility.



FEATURES & BENEFITS

MACHINES

The customer supplied an HC-40 and QSI supplied a refurbished HCR-40.

- (2) Vertical injection molding machines, 40 ton
- Common rotary table
- Independent controls & hydraulics
- Machine 1 injects material 1;
- Machine 2 injects material 2 over material 1.
- Common station for loading any inserts and for unloading finished product.

CONTROL

Custom software integrates the two machines or allows them to run independently.

MOLDS

QSI's Mold Design Department designed and manufactured the 2-component molds.

ADVANTAGES

- ✓ Cost effective tooling (uses standard tooling or add provisions for 2nd component).
- ✓ Uses standard machines.
- ✓ Flexible design (1 or 2 color, independent or joined operation).
- ✓ Minimizes part handling between 1st and 2nd shots.
- ✓ Can be built with other configurations such as 'bookend' machines.

NEW Mold Making Machine Added

QSI recently installed a new high-speed Haas vertical CNC machining center in its tool room to enhance mold making capability.



This addition is part of the continuing effort to provide quality, cost effective injection molds to customers.

The new Haas VM2 Mold Maker has the high accuracy, high performance and generous work cube for quality mold making.



QSI Celebrates Its 20th Anniversary

*Thank You for 20 Years
of Successful Business!*

QSI Golf Outing

QSI Automation's annual golf outing is Saturday, June 28 at Eagle Glen Golf Course in Columbia City, Indiana.

Tee off is at 1:00 PM with a cookout after play ends. The event is open to QSI customers, vendors and employees.

This 4-man golf scramble features team prizes and many door prizes donated by sponsors and vendors.

*If you are interested in attending,
contact Tina Berkes for registration:
1-260-693-1500, tberkes@qsiautomation.com*



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