



BOOST EFFICIENCY WITH SMART AUTOMATION FOR INJECTION MOLDERS

Canadian-engineered solutions that reduce cycle time, boost quality, and cut labor costs.

UNLOCK YOUR FACTORY'S FULL POTENTIAL

Vector Machine specializes in automation for the plastics industry — with a focus on injection molders. Whether you're automating a single process or synchronizing multiple stations, we deliver intelligent systems that streamline operations, improve quality, and maximize machine uptime.

WHY CHOOSE US?

- Deep injection molding machine experience
- End-to-end project management: from design to commissioning
- Built-in serviceability and remote support
- Flexible: from low-volume prototyping to high-output production
- Canadian-made, expert-driven service

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AUTOMATION FOR INJECTION MOLDING

- Part handling and ejection systems
- In-mold assembly and welding
- Vision-based quality control
- Custom end-of-arm tooling (EOAT)
- Mold-side automation integration



VISION SYSTEM INTEGRATION

- High-speed part inspection
- Defect detection and classification
- Dimensional and surface checks
- Traceability and part tracking



CONTROL SYSTEMS AND SOFTWARE

- PLC and HMI programming
- Servo and pneumatic motion control for precise, repeatable handling
- Integration with molding machines, robots, and peripherals