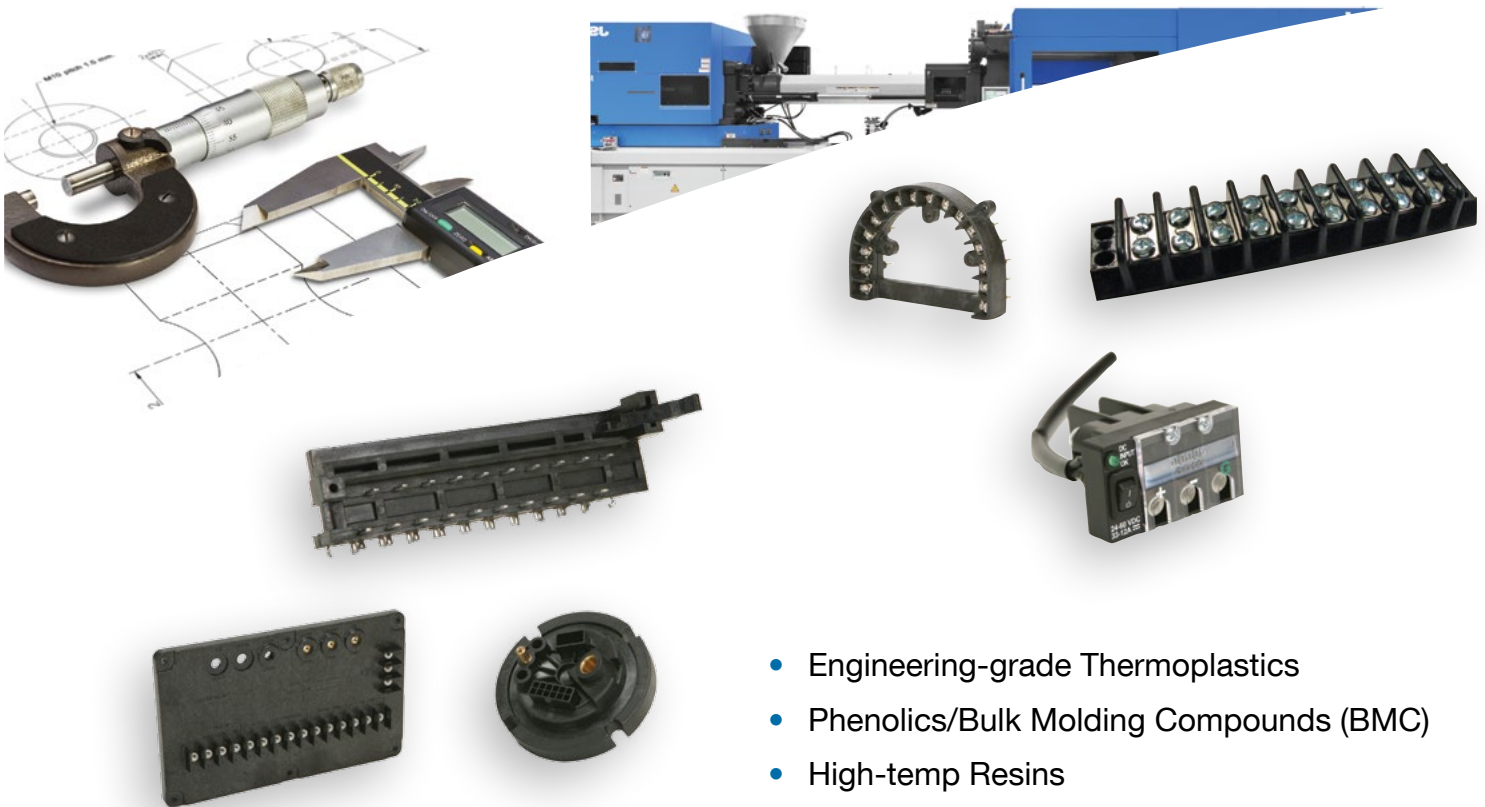


Precision Molding Capabilities



- Engineering-grade Thermoplastics
- Phenolics/Bulk Molding Compounds (BMC)
- High-temp Resins
- Insert Molding
- Horizontal and Vertical Injection Processes
- Vertical Transfer and Compression Processes

ISO 9001:2008

Innovative Engineering Solutions

CURTIS
INDUSTRIES
A division of Powers Holdings, Inc.



Precision Molding

Curtis Industries designs and manufactures specialized and standard moldings and molded electrical components. The company produces superior quality products using rapid prototyping and proven process control.

Quality is the founding principle of Curtis Industries' manufacturing philosophy. The company achieves superior quality by optimizing its engineering design methods and the implementation of Advanced Product Quality Planning (APQP) techniques.

- ISO 9001:2008 Registered
- UL/CSA/CE Certified
- "Green" Compliant

Curtis Industries' capabilities include engineering and part design, tool development and fabrication and part manufacture, supported by a rigorous inspection and compliance verification process.

Curtis provides specialized solutions for all manner of plastic molded products. Applicable industries include electronics, appliance, automotive, medical, gaming, military and others.



Molding Equipment

- Thermoplastic Injection Molding
 - » Horizontal and Vertical
 - » Hydraulic, hybrid and electric molding machines
 - » From 80 to 300 tons
 - » From 4.3 to 24 ounces
- Thermoset Molding
 - » Vertical Compression and Transfer molding
 - » Horizontal Injection molding
 - » From 85 to 270 tons

Components are molded, assembled, inspected and packaged within a single Lean Manufacturing cell, eliminating waste and meeting on-time deliveries through the use of one-piece flow principles.

Curtis builds stamping dies and produces metal components for insert molding. Company personnel design and fabricate fixtures in-house. All molding parameters are documented and maintained within an ISO 9001 Quality Management System (QMS).



Resins (Filled and Unfilled)

- Nylons
- PBT (polybutylene terephthalate)
- PC (Polycarbonates)
- PC/ABS (polycarbonate/acrylonitrile-butadiene-styrene)
- PEI (polyetherimide)
- PET (polyethylene terephthalate)
- PP (Polypropylenes)
- Phenolics / BMC (thermoset resins)

Resin part and lot numbers are recorded, beginning with incoming inspection and tracked through processing, final inspection, and shipment for compliance with industry standard traceability requirements.



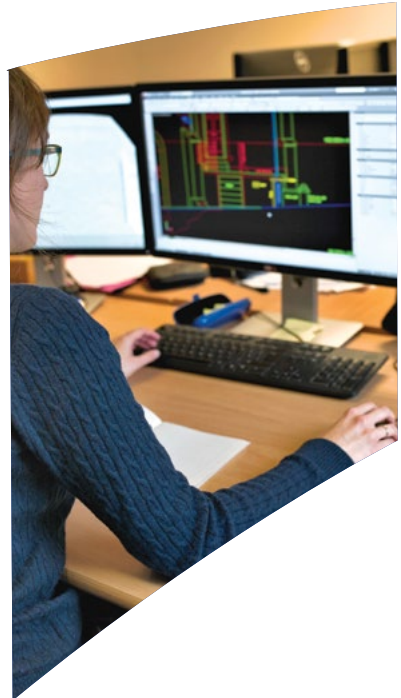
Quality Control

- UL, CSA, CE Molding
- PPAP, SPC, FMEA and control plans
- Lean and Six Sigma practices
- ISO 9001:2008 Registered
- REACH
- RoHS
- Conflict-Free Minerals

The Curtis in-house Quality Assurance Team conducts first-article inspections on all setups to ensure molded parts meet customer and regulatory agency requirements.

Using Lean Manufacturing methodology and analysis tools, including Kaizen events that incorporate 5 Whys, 8D and root-cause analyses, the Manufacturing and QA Teams are devoted to continuous process improvement and cost reduction initiatives.





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