

**Hi-Tech Engineered Solutions**  
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# Diversified Products and Services

## Component Manufacturing

- Machined metal components – wide range of sizes and material types
- Plastic injection molded parts – all popular resins
- On-site CAD design or Build-To-Print
- Prototype, Low Volume or High Volume Production
- Additive Manufacturing
  - Steel, Aluminum, Nickel Alloys
  - Structural – parts can be machined, EDM, polished, coated, etc.



## Advanced Machining

- Full range of CNC machining services up to six axis
- Tebis CAD/CAM software utilized for all 2D, 3D, five and six axis programming
- Machines are equipped with automated tool changers and laser calibration for tooling



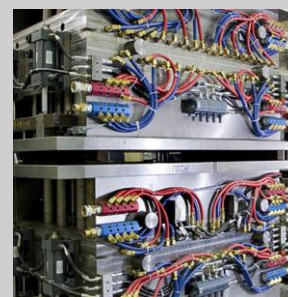
## Electrical Discharge Machining (EDM)

- Orbital technology achieves 4 Rmax finish.
- CNC electrode fabrication utilizing Makino graphite machining centers and System 3R robotics for unattended electrode cutting.



## Plastic Injection Molds Design and Fabrication

- Recognized as an industry leader – full-service supplier for mold design, machining, assembly and validation
- Wide range of component sizes and configurations
- Single-shot, Two-shot (2K) or Multi-Component
- Vertically integrated - mold design, machining, benching, polishing and assembly all occur in-house
- Customer mold try-outs conducted on-site prior to delivery



## Value-Added Secondary Assembly

- Manual and automated press-side operations
- Complex off-line assembly including fully integrated in-line testing
- Floor space and operator expertise available at all locations to conduct value-added assembly



**FIRST TIME, ON TIME, EVERY TIME.**



# Locations



## Rochester Hills, MI

- 4 plants - 150,000 square feet
- 190 employees
- ISO 9001:2015
- Machined Components
  - CNC Machining
  - EDM
- Additive Manufacturing
  - Steel
  - Aluminum
  - Nickel Alloys
- Plastic Injection Mold Design & Production
- Plastic Injection Molding
  - 340 – 3500 Ton



## Winchester, TN

- 2 plants - 325,000 square feet
- 330 employees
- ISO 9001:2015, IATF 16949:2016 and ISO 14001: 2015
- Advanced Machining Capabilities
  - CNC Machining
  - EDM
- Plastic Injection Mold Design & Production
- Plastic Injection Molding
  - 225 – 3500 Ton
  - Multi-component molding
  - Two-shot (2K)
- Manual/Automated module assembly



## Westminster, SC

- 1 plant - 100,000 square feet
- 112 employees
- IATF 16949:2016 and ISO 9001:2015
- Advanced Machining Capabilities
  - CNC Machining
  - EDM
- Plastic Injection Mold Design & Production
- Plastic Injection Molding
  - 225 – 3000 Ton
  - Multi-component molding
- Manual/Automated module assembly

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