

Detroit Lakes

TEAM Detroit Lakes has been providing die castings for over 25 years to support our assembly operations, while also supporting contract manufacturing for a variety of customers and industries. Our state-of-the-art aluminum die casting equipment and technology, combined with our experienced foundry staff and fully equipped quality lab, ensure consistent castings. Our casting customers benefit from machining services provided by our other six sister plants in North America to ensure exceptional castings.

PLANT FACTS

Certification: ISO 9001Employees: 100+

• Plant Area: 76,000 sq ft

• Equipment: 15+ Die Cast Machines

MANUFACTURING PROCESSES

DIE CAST MACHINES

- 500 Ton
- 750 Ton
- 1,000 Ton
- 1,600 Ton
- Part sizes from 15 - 325 sq in

AUXILIARY EQUIPMENT

- ABB Robotic Extraction
- Metal Mechanics Trim Presses
- Wollin/Rimrock Reciprocators
- Striko Holding Furnaces
- Striko Stack Melters

ADDITIONAL IN-HOUSE RESOURCES AND CAPABILITIES

- Visi-Trak Process Monitoring Equipment and Software
- Infrared Thermal Imaging
- · CT Scanner to asses Porosity levels
- Glow Discharge Spectrometer
- CMM Station for Inspections
- Heat Treat Oven
- Magma Flow and Solidification Software
- Control of Die Designs/Use of Global Tool Shops
- SPC Monitoring
- Laser Scanner

MATERIALS PROCESSED

• 360, 369, 380 & 390 Aluminum

