

EAGLE PRECISION CAST PARTS, INC.

Ferrous and Non-Ferrous Castings

5112 EVANSTON AVENUE MUSKEGON, MI 49442 (231) 788-3318 FAX (231) 788-5409

INVESTMENT CASTING FACILITIES

FACILITIES

- 60,000 Sq. Ft. Manufacturing Plant with
14,000 Sq. Ft. Climate Controlled
- 8,000 Sq. Ft. Warehouse Facility

WAX INJECTION EQUIPMENT

- 6 MPI 20 Ton Paste Wax Injection Machines

QUALITY CONTROL & TESTING EQUIPMENT

- Willson 3JR Rockwell Hardness Tester
- Detroit Testing Machine PH-1 Brinell Hardness tester and Newage Brinell Scope
- Full ceramic testing laboratory
- Continuous temperature and humidity recording of shellroom and drying room environment
- Continuous temperature recording of mold burn-out/pre-heat oven temperatures
- Pantak HF320 X-Ray System capable of foundry-control radiographic testing of up to 2" thick steel
- Two (2) Leco GDS-500A Spectrometers capable of analyzing ferrous and non-ferrous alloys
- Assorted measurement equipment for dimensional inspection including pin gages, calipers, surface plates, and custom-designed gages
- Brown & Sharpe CMM with PC-DMIS
- Creaform ExaScan 3-D scanner with GeoMagic Inspection
- One seat of Solidworks 3-D modeling software
- One seat of MagmaSoft Casting Simulation Software

CLEANING & FINISHING EQUIPMENT

- 2 Ruemelin Type A, G Sand Blaster
- 2 Wheelabrator Tumbleblast – 3 cubic Feet Capacity

- Pangborn #55EP5 Tumble Blast Unit
- One Ener-Pac 50 Ton Press
- One Dake – 25 Ton Press
- Assorted Bench Grinders and Hand Held Air Tools
- Two double End Belt Grinders with Automatic Rise & Fall Fixtures
- Ramco Ceramic Leech Tank
- Techmatic Double End Rise & Fall Grinder
- Techmatic Double End Grinder
- Goff 6 Cubic Feet Tumbleblast
- 200,00 BTU Hot Pressing Oven
- AW Bell Belt Grinder

DIP & MOLDING EQUIPMENT

- Two Rommco Fluidized Bed & Blower Coating Units; 30" diameter, 40" Height
- C-Powered Ind. Model DWA 48 x 60 Autoclave Unit
- Five Ceramic Dip Tank Systems
- Primary Rainfall Sander
- Climate Controlled Ceramic Drying Rooms
- Two Pneumatic Mold Manipulators
- Fanuc Robot & Mold Conveyor System

MELTING & POURING EQUIPMENT

- Pillar Mark VIII, 250 KW, 500 lb. & 1,000 lb. Induction Furnace
- Pillar Mark VIII, 250 KW Power Unit with 300 lb., 500 lb., & 1000 lb. Furnaces
- Pillar Mark VIII, 300 KW, 500 lb. & 1000 lb. Induction Furnaces
- Seven (7) Ceramic Mold Preheat Ovens