

# Facility List

## Building:

78,600 sq. ft. of Manufacturing, Warehousing and Offices; Custom Designed and Built in 1987. 44,726 sq. ft. Additional Manufacturing and Warehousing completed September 1, 1992.

## Tool Room Equipment:

### Electrical Discharging Machining (EDM):

- 1 Sinker CNC w/ 16 Station 3R Tool Changer and Fully Programmable
- 1 EA284 w/ 40 Position Tool Changer "C" Axis
- 1 Sinker CNC w/ 24 Station 3R Tool Changer and Fully Programmable
- 1 Sinker CNC w/ 16 Station 3R Tool Changer and Rotary Head
- 1 Sinker CNC w/ 48 Station 3R Tool Changer and Fully Programmable
- 1 Sinker CNC w/ 24 Station 3R Tool Changer and Fully Programmable

### Machining:

- 2 Vert. Machining Center
- 2 Vert. Machining Center
- 1 Vert. Machining Center w/ Graphite Vacuum and Filtration System
- 5 Milling Machines w/ Digital Readout Bridgeports
- 1 Engraver Deckel GK-21
- 1 Radial Drill Press Wilton 820
- 1 Lathe w. 12" Swing, 30" Center Harrison 316
- 1 Lathe w. 15" Swing, 30" Center Leblond Makino
- 1 Honing Machine Sunnen MBB-1650
- 1 Vertical Band Saw Dake 24"

### Grinding:

- 5 Surface Grinders
- 5 Surface Grinders Fully Automatic 8" x 18"
- 1 Surface Grinders Fully Automatic 16" x 32"
- 1 Cutter Grinder Alexander
- 1 Cutter Grinder Decker SO
- 3 Grind-All Harig #1
- 1 Grind-All Harig #2
- 2 Grind-All w/ 3R Adapter Harig #3
- 1 Auto Spinner w/ 3 Jaw Chuck Do-All
- 3 Magnetic Squaring Blocks 6 x 6
- 2 Magnetic Sine Plates 6 x 6
- 1 Magnetic Sine Plate 6 x 12
- 4 Radius Dressers

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## Inspection Equipment:

- 1 Keyence Instant Measurement System
- 18 Keyence Press Side 100% Vision Part Inspection Work Cells
- 1 QuickVision Measuring System
- 1 Optical Comparator Jones & Lamson EPIC114
- 2 Surface Plates Grade A Ottavino 18" x 24"
- 3 Surface Plates Grade A, Crystal Pink Starrett 18" x 24"
- 2 Surface Plates Grade A, Crystal Pink Starrett 36" x 24"
- 2 Surface Plates Grade A, Crystal Pink Starrett 36" x 48"
- 3 Height Master Mitutoyo 13" 4 Gauge Block Set Mitutoyo
- 4 Digital Height Guide 18"
- 3 Digital Height Guide 12"
- 1 Microscope Meji EMZ-2
- 1 Light Booth MacBeth SPL75B

## Engineering:

- 6 Station Network with Windows NT, all Pentium Processors

## Software:

- 3 Stations equipped w/ 2007 Solid Works, Split Work, Mold Works 2001 Plus
- 3 Stations equipped w/ Master Cam Level 8, CNC Software Inc.

## Manufacturing:

Total Injection Molding Presses: 109- All Presses are Microprocessor Controlled, Self Diagnostic, Hydraulic, Hybrid and all Electric Clamp - All Machines 1990 or Newer

- 6 - 46 Ton Injection Molding Presses
- 3 - 68 Ton Injection Molding Presses
- 24 - 88 Ton Injection Molding Presses
- 5 - 123 Ton Injection Molding Presses
- 2 - 132 Ton Injection Molding Presses
- 5 - 154 Ton Injection Molding Presses
- 41 - 177 Ton Injection Molding Presses
- 1 - 197 Ton Injection Molding Press
- 1 - 189 Ton Injection Molding Press
- 5 - 202 Ton Injection Molding Presses
- 5 - 233 Ton Injection Molding Presses
- 3 - 237 Ton Injection Molding Presses
- 4 - 309 Ton Injection Molding Presses
- 4 - 400 Ton Injection Molding Presses

## Auxiliary Equipment:

- 109 Press Mounted Robots
- 53 High-Speed Full-Servo Robots
- 56 Pneumatic Pickers
- 1 "Baxter" Robot (used for press side part handling)
- 109 Low-Speed Granulators
- 24 Material Dryers