

**SENSOR MANUFACTURING COMPANY**  
**40750 Grand River Avenue • P.O. Box 955 • Novi, Michigan 48376**  
**Phone • (248) 474-7300**

**CNC Milling**

---

- 1 HAAS VF-4 Vertical Machining Center with 20 station tool changer and chip conveyor, thru spindle coolant and quick code program system, 50" X 20" X 25" (xyz), 4th axis
- 1 HAAS VF-4 Vertical Machining Center with 24 station tool changer and chip conveyor, thru spindle coolant and quick code program system, 50" X 20" X 25" (xyz), with 5th axis capability, 310 mm trunion.
- 1 HAAS VF-4 Super Speed Vertical Machining Center with 24 station tool changer and chip conveyor, thru spindle coolant and quick code program system, 50" X 20" X 25" (xyz), with 5th axis capability. New, December 2015
- 1 HAAS VF-3 Vertical Machining Center with 20 station tool changer and chip conveyor, thru spindle coolant and quick code program system, 40" X 20" X 25" (xyz), 4th axis
- 1 HAAS TM-1P Toolroom Mill with automatic 10 station tool changer, 4th axis, 30" X 12" X 16"
- 1 HAAS SL-30 Lathe with 12" chuck, 17-1/2" dia X 39" CC
- 1 SMART Lathe Model SL14 with 6" chuck and 5C/16C collet and step chuck tooling
- 1 DOOSAN PUMA GT2600 with 12" chuck, fully tooled
- 1 MORI-SIEKI CNC Lathe, Model CL-25A, capacity 16" diameter X 20" cc., completely tooled
- 1 ACCUTEX AU 5001 WIRE EDM, capacity 38 X 22 X 10.4 high

**Turning Equipment**

---

- 1 ACER E-LATHE with 10" chuck and digital readouts, fully tooled
- 1 HARDINGE Toolroom Lathe, with threading, metric change gears
- 2 HARDINGE Chucker, Model HCT with complete tooling

**Milling Equipment**

---

- 4 BRIDGEPORT Milling Machines with 2 h.p. heads, complete tooling and digital readouts on all, one unit equipped with 48" table and Prototrac Controls.

**Grinding Equipment**

---

- 1 HARIG Super 612 Grinder
- 2 PARKER-MAJESTIC Surface Grinder 6" X 18"
- 1 OKAMOTO Automatic Wet Grinder 12" X 24" Chuck, Model ACC-12.24ST
- 1 OKAMOTO Linear B 6" X 18" Surface Grinder
- 1 CHEVALIER Universal (ID – OD) Grinder 21.5" dia. X 40" CC
- 1 SUNNEN Model MBC-1804 D Honing Machine with power stroke, completely tooled
- 1 LAPMASTER "15" Rotary Lap

## **Miscellaneous Equipment**

---

- 1 MARVEL Series PA 10/3 Horizontal Metal Cutting Bandsaw, 10" dia. capacity
- 1 KALAMAZOO Model VS36 Vertical Bandsaw
- 1 BNP 220 Suction Blast Cabinet, 22 cubic foot capacity
- 1 PORTABURR – 5 Vibratory Tumbler, 5 cubic foot capacity, plastic and ceramic media
- 1 SULLAIR Air Compressor, 25 h.p. screw type
- 1 DONALDSTON TORIT Dust Collector DFO 2-2

## **Isolated Deburring/Bench Area**

---

- 1 DIVERSITECH Down Draft Table 24" x 36"
- 1 DONALDSON TORIT Vibra Shake VS-1200

## **Inspection and Quality Control Equipment**

---

- 1 D.E.A. OMICRON fully computerized Co-Ordinate Measuring Machine with printout
- 1 MITUTOYO Series 515 13" Height-Master (.000010 Resolution)
- 1 MITUTOYO Mu-Checker Electronic Height Gage (.000005 Resolution)
- 1 MITUTOYO Toolmakers Microscope with Digital Readout
- 1 WILSON Hardness Tester
- 1 10" Optical Comparitor
- 1 COVEL 14" Optical Comparitor
- 1 TESA.hite 400 mm electronic Height Gage
  - Complete set of SUNNEN Dial Bore Gages with Master Setting Gages (.375 thru 6.000 dia.)
  - Precision Bench Centers
  - Miscellaneous Surface Plates, Angle Plates, Sine Plates, Gage Blocks. All traceable to National Bureau of Standards

Our entire building is air conditioned and the shop section has electronic air cleaners. All CNC programming is done in-house on MasterCam X2 computer system.

Sensor Manufacturing is ISO-9001 registered. Current standard is ISO 9001:2015. Certificate expires February 24, 2025.