



FACILITY

Tools Inc. is located on eight acres in Southeastern Wisconsin. Our 70,000 square foot state-of-the-art manufacturing facility has expansion capabilities to 110,000 square feet.

EQUIPMENT AND MACHINERY

DESIGN AND ENGINEERING

Our highly skilled designers and programmers are provided with the latest technology. Our many design and engineering workstations make use of Pro-E, Mechanical Desktop, Autocad Inventor, Solidworks, and Powershape for modeling and design, MasterCam and Powermill Software for CNC programming along with Sicam 3D for our 5-axis laser machine programming and QCT as well as PCD-mis inspection software in our quality department.

CNC EQUIPMENT

- 1 OKK VM7 Vertical High-Speed Machining Center 60" x 29" x 26" Capacity
- 1 Hurco VM1 Vertical High-Speed Machining Center 26" x 14" x 18" Capacity
- 1 HNK Hi-Q15 Vertical Bridge Mill 94" x 128" x 43" Capacity
- 1 SNK RB2N Vertical Bridge Mill 66" x 112" x 15" Capacity
- 1 OKK Model 820 Vertical Mill 32" x 72" x 32" Capacity
- 1 OKK MCH800II Horizontal Machining Center 80.3" x 40.2" x 36.2" Capacity
- 1 Pratt & Whitney Vertical Mill 28" x 54" x 24" Capacity
- 1 Charmilles Robofil 500 Wire EDM Machine
- 1 Mitsubishi FA20 Wire Cut EDM System

CONVENTIONAL MILLING EQUIPMENT

- 1 Sigma T08 4" Horizontal Boring Bar w/ DRO
- 1 Kearney & Trecker 5H Vertical Mill w/DRO
- 1 Kearney & Trecker 4H Horizontal Mill
- 1 Shizouka Horizontal / Vertical Mill
- 3 Bridgeport Mill 3 - w/DRO
- 1 JAFO #2 Mill, 2-Axis, w/ Millmate System

GRINDING EQUIPMENT

- 1 Blanchard Rotary Grinder 36"
- 1 ELB Surface Grinder 12" x 24"
- 2 Okamoto Surface Grinder 12" x 24"
- 1 Chevalier Surface Grinder 6" x 12"
- 1 Boyer Shultz Surface Grinder 6" x 12"
- 1 Boyer Shultz #2 Profile Grinder
- 1 Christen Drill Grinder

DRILLING EQUIPMENT

- 1 Ooya 78" Radial Drill
- 1 Akeda 78" Radial Drill
- 1 Cincinnati 42" Radial Drill
- 4 Drill Press 1" Capacity

SAWING EQUIPMENT

- 1 Grob Band Saw 36"
- 1 Grob Band Saw 24"
- 1 Doall Band Saw 16"
- 1 Wells Cutoff Saw 11"
- 1 Marvel Cutoff Saw 10"

PRESSROOM EQUIPMENT

- 1 Bliss 1,000 Ton Hydraulic Press w/ (2) 175 Ton Cushions - 98" x 102" Bolster
- 1 A P & T 850 Ton Hydraulic Press w/ 450 Ton Cushion - 63" x 99" Bolster
- 1 A P & T 450 Ton Hydraulic Press w/ 225 Ton Cushion - 51" x 75" Bolster
- 1 Verson 300 Ton Press w/ (2) 25 Ton Cushions - 54" x 96" Bolster
- 1 Bliss 600 Ton SSDC Press w/ (3) 40 Ton Air Cushions - 108" x 60" Bolster
- 1 Hartup 175 Ton Model Trimmer Press
- 1 Niagara 200 Ton SSDC Press
- 1 Bliss 95 Ton OBI Press
- 1 Milwaukee 5' Brake Press
- 1 CCL-S2-06624 Spacemaster Compact Coil Line
- 1 CWP 30" Servo Roll Feeder
- 1 Rowe 30" 7 Roll Powered Straightener
- 1 CWP 24" Servo Roll Feeder
- 1 10,000# Powered Reel
- 1 4,000# Powered Reel

FABRICATION EQUIPMENT

- 2 Prima 2500 Watt 5-axis CNC Laser Cutting Machines
- 1 Prima 2200 Watt 5-axis CNC Laser Cutting Machine
- 1 Airco CNC Flame Cutting Machine w/ 6 Torches
- 1 Powcon 300A Mig Welder w/ Wire Feed
- 1 Acro 200A Welder
- 1 General Dynamics 1/4" Plasma Cutter
- 2 Banner WT510 Spot Welder 100 KVA
- 1 Rivet Machine w/ 1/4" Capacity
- 1 Pemserter Series 4 Model J w/ Plus Cart and Auto-Feed System for 3/8" Max. Cinch Fasteners
- Panasonic Robotic Welding and Assembly Capabilities

MATERIAL HANDLING

- 1 Overhead Bridge Crane 20 Ton w/ 10 Ton Auxiliary Hoist
- 1 Overhead Bridge Crane 15 Ton w/ 7 1/2 Ton Auxiliary Hoist
- 1 Overhead Bridge Crane 10 Ton
- 1 Overhead Bridge Crane 7 1/2 Ton
- 1 Caterpillar Forklift 15,500 #
- 1 Clark Forklift 5,000 #
- 2 Caterpillar Forklift 10,000 #

INSPECTION EQUIPMENT

- 1 Global FX Model 7107 5P Coordinate Measuring Machine PCD-mis DCC
measuring cube X=27.6", Y=39.5", Z=25.6"
- 1 Mitutoyo B715H Coordinate Measuring Machine
measuring cube X=28", Y=60", Z=24"
- 1 Renishaw PH-8 / TP-2 5-way Probe System
- 2 24" Digital Read Out Height Gauge
- 1 40" x 30" Granite Surface Plate
- 1 60" x 48" Granite Surface Plate
- Miscellaneous Micrometers and Veneers to 36"

MISCELLANEOUS EQUIPMENT

- 1 Tarnow Lathe TUJ50M – 78" x 22" Swing
- 1 Grob Vertical Filer
- 1 Cincinnati Lathe – 60" x 15" Swing