

# Facilities List



## CAD-CAM

- 8 Seats of Pro-Engineer
- 2 Seats of Pro-Engineer Viewer
- 5 Seats of Cam-Tool
- 5 Seats of Mastercam
- 1 Seat of Mastercam Lathe
- 2 Seats of Mastercam Wire
- 7 Seats of SolidWorks
- 1 Seat of Esprit-X
- 1 Seat of Moldflow
- 16 Seats of Job Boss Shop Management Software

## CNC Machining Centers

- 3 YASDA YBM 640V High Precision / High Speed CNC
- 1 YASDA YBM 950V High Precision / High Speed CNC
- 2 YASDA YBM 9150V Vertical Machining Center / Jig Borer
- 2 YASDA YMC 430 Micro Center 5-Axis High Speed Mill 40,000 RPM (120,000 RPM Capability) – 16 x 20 x 10
- 1 YASDA YBMV40 5-Axis High Speed Mill
- 1 Matsuura MX-850 5-Axis Machining Center
- 1 Makino V33i High Precision / High Speed CNC 30,000 RPM – 26 x 18 x 14
- 1 YCI FP100A High Precision / High Speed CNC 24,000 RPM – 40 x 16 x 20
- 2 Makino PS95 CNC Machining Center 14,000 RPM – 36 x 20 x 18
- 1 Kitamura 4-Axis Mycenter-3XG High Speed Vertical CNC 15,000 RPM – 30 x 18 x 18
- 1 Kitamura HX-400iF Horizontal CNC 20,000 RPM – 27 x 24 x 24
- 1 Mori Seiki MV-55 Vertical CNC
- 2 Hurco BMC 30HT Vertical CNC
- 1 Hurco VMX42 Vertical CNC
- 1 Makino V22 Graphite / High Speed CNC 40,000 RPM - 13 x 11 x 12
- 1 Roku-Roku HC-548EX High Speed CNC 32,000 RPM – 18 x 14 x 10
- 1 Roku-Roku GR-435N High Speed CNC

## CNC Turning Centers

- 2 Nakamura - Tome Super NTMX
- 1 Nakamura - Tome NTJ-100
- 4 STAR SB-20R Type G 7-Axis Swiss Lathe
- 1 STAR SR 32J 7-Axis Swiss Lathe
- 1 Hyundai CNC Lathe HiT-15S
- 1 Hardinge GS 200 MSY Multi-Tasking Turning Center Live Tooling, C-Axis

## Sinker EDM

- 3 Mitsubishi EA12V High Precision CNC-EDM cells with EROWA Robots
- 2 Charmilles Roboform 200 CNC-EDM
- 2 Charmilles Roboform 400 CNC-EDM

## Wire EDM

- 2 Mitsubishi MV1200R Precision Wire EDM
- 1 Mitsubishi FA10S Precision Wire EDM
- 1 Mitsubishi SX-10 Precision Wire EDM
- 2 Charmilles Robofil 200 Wire EDM
- 1 Charmilles Robofil 4020 Wire EDM
- 1 Charmilles Robofil 2050 Twin Wire EDM
- 1 Charmilles Robofil 2020 Wire EDM
- 1 DrillMate 3301-A

## Grinders

- 1 Okamoto 16-32 Hydraulic Surface Grinder
- 2 Okamoto 12-24 Hydraulic Surface Grinders
- 10 Mitsui 6-12 Surface Grinders with Tenth Readouts & Optidress
- 1 Myford Cylindrical Grinder with Tenth Readouts
- 1 KO Lee Universal Grinder with Tenth Readouts

## Additive Manufacturing and Conformal Cooling

- 1 Matsuura LUMEX Avance-25 Metal Laser Sintering Hybrid Milling Machine

## Inspection Equipment

- Hexagon 7.10.7 CMM with PC-DMIS
- OGP SmartScope Flash 302
- Tesa Micro-Hite CMM with PC-DMIS
- PPL Toolmakers Scope 8 x 8 with 20 Millionth Readout
- PPL Toolmakers Scope 8 x 12 with 20 Millionth Readout
- 1 Reichert McBain Scope 4 x 8 with 20 Millionth Readout
- 1 OGP QL-20 Optical Comparator
- 2 Nikon Toolmaker Measurascopes with Tenth Readout

## Other Miscellaneous Equipment



Industry Leader for Intricate, Robust and Fast Cycling Molds

22455 Everton Avenue North | Forest Lake, MN 55025  
Phone: 651-757-4000 Fax: 763-535-5427  
[www.custommold.net](http://www.custommold.net)



**Quality Certifications:**  
ISO 9001 Certified  
AS9100 Certified  
ITAR Registered  
ToolingDocs Certified