

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 YMC 430 Micro Center 5-Axis High Speed Mill
40,000 RPM (120,000 RPM Capability) – 16 x 20 x 10
- 1 YASDA YBMVi40 5-Axis High Speed Mill
- 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

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

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

- 1 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 2050TW 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

Misc. Equipment

- 3 Bridgeport Mills with Digital Readouts
- 2 CNC Bridgeport Mills
- 1 Leblond Lathe
- 1 Hardinge Toolroom Lathe
- 1 Marvel Manual Cutoff Saw
- 1 Grob Band Saw

Inspection Equipment

- Hexagon CMM with PC-DMIS
- 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 Measurescopes with Tenth Readout
- OGP SmartScope Flash 302



Division of Custom Mold & Design

22455 Everton Avenue North | Forest Lake, MN 55025
Phone: 651-757-4000 Fax: 763-535-5427
www.cmdprecision.com