

3D Design & Machining, LLC

3225 CHRISTY WAY NORTH, SAGINAW, MICHIGAN 48603

EQUIPMENT LIST

MACHINERY

- ◇ **2013 GROB G350** 5 axis horizontal machining center
23.6" x 33.6" x 29.5" travel with Blum laser and probing system
- ◇ **2007 OKUMA MA-400HA** 4 axis horizontal machining center
22" x 24" x 24" travel with twin pallets
- ◇ **2014 OKUMA Genos M560-V** 4 axis vertical machining center
41" x 22 x 18" travel with 200mm Nikken rotary
- ◇ **2015 HAAS VF-1** vertical machining center
20" x 16" x 20" travel with Renishaw probing system
- ◇ **2016 OKUMA Genos L400** CNC turning center
12.2" max turning dia x 20" Z axis travel
- ◇ **Cosen MH-270M** band saw
- ◇ **Lincoln Square Wave TIG 200** welder
- ◇ **Brown & Sharpe No.5** surface grinder
- ◇ **BEAMER FB22** fiber laser marking/engraving system

SOFTWARE

- ◇ Mastercam 2021 - Mill Level 3 – programming and designing software
- ◇ Mastercam 2021 - Mill Level 3 / Multiaxis – simultaneous 4 and 5-axis machining software
- ◇ JobBOSS² Shoptech – accounting and shop floor management software
- ◇ SolidWorks Inspection – inspection software

INSPECTION EQUIPMENT

- ◇ Tesa Micro-Hite DCC 3D / PC-DMIS software – measures directly from customer CAD
- ◇ Sheffield Cordax 1808-M – manual CMM
- ◇ Gage Master GM5 comparator
- ◇ Bore mics from 20mm – 100mm
- ◇ Gage pins from 0.011 to 0.750 and gage block set