

MACHINE EQUIPMENT LIST

CNC MILLING CENTER

- DMG-MORI – DMU 50, 5-AXIS VERTICAL CNC 19in x 19in x 19in volume
- MIGHTY VIPER – LG-1000AP – 3-AXIS VERTICAL CNC, 40in x 20in x 20in working volume.

CONVENTIONAL MACHINES

- CHEVALIER MANUAL VERTICAL MILLING MACHINE
- FEELER MANUAL LATHE
- VERTICAL AND HORIZONTAL BANDSAWS
- DRILL PRESS
- BEAD BLASTING CABINET
- EPILOG LASER – FIBERMARK FUSION – 50 watt

TOOLING

- 4TH AXIS TRUNNION FOR MIGHTY VIPER
- LANG TECHNIK MODULAR PRECISION VISE SYSTEM
- LANG TECHNIK TOOL HOLDING VICES, DOVETAIL VICE
- FUTURE TOOL SYSTEMS: Onsite stocked tool vending machine. Stocked by Western Tools.

QUALITY CONTROL

- NIKON CMM WITH RENISHAW PH20 5-Axis indexing head. CMM Manager inspection software
- INSPECTION GUAGES: Pin and block gages, micrometers, digital height gages, calipers.

CAD/CAM SOFTWARE

- SIEMENS NX CAD
- TEAMCENTER PLM
- SIEMENS NX CAM
- SOLIDWORKS
- CREO

CAPABILITIES

At Sherpa, rapid prototyping and low-volume production parts are our specialty – using CNC tooling to quickly create prototypes of parts or products, to test the design and functionality before it goes into mass production. Our shop engineers can develop custom tooling, create prototypes, or work with your manufacturing partners for a smooth hand-off in the engineering process.

We perform CMM and First Article Inspection (FAI), reverse engineering and can help with your CAD/CAM software to resolve any issues to get it ready for prototyping.

We are ITAR Certified and ready to support your development needs.

