



## AS9100-CERTIFIED PRECISION MACHINE SHOP

### Machine List

Whether we are producing single pieces or high-production volumes, our state-of-the-art equipment performs the most accurate precision work on all types of tooling and machining parts. Our operational efficiency is maximized through utilization of computer-controlled technology with 4-Axis capability.

We have a complete range of conventional equipment to facilitate one piece and short run orders.

#### Tool Room Equipment

LH Lathe 18" swing 60" Between Centers  
AML-618 High Accuracy Lathe with 5C collets  
(2) Bridgeport Mill 8"x 42" with Sony Digital Readouts  
Wilton Portable Tapping Head  
DoAll 305A Band Saw  
(2) Roll-In Band Saws  
Grob Vertical Band Saw

#### Grinding Equipment

Super Tek Precision Surface Grinder 13" x 24"  
Parker Majestic I.D. Grinder  
Moore 2C Jig Grinder  
Sunnen Hone .09 Diameter thru 3.0" mandrels

#### Welding Equipment

Tig Welders – GTAW/SMAW Capable  
Miller Dynasty 700 amp  
Miller Dynasty 300 amp  
Mig Welders – GTAW/SMAW Capable  
Lincoln Power Mig 300  
Atlas XT-200 Weld Positioner  
2 Harris Oxy/Acetylene Welding/Cutting Outfits

#### Fabrication Equipment

CNC Tube Bender  
Piranha Iron Worker  
Accupress CNC Press Break  
55 Ton Hyd Press

#### CNC Equipment

Mazak CNC Lathe 15" swing, 48" between centers  
Okuma Howa ACT 20 CNC Lathe  
Brother TC 225 Drilling & Tapping Machine  
Brother TC 324 Machining Center – (2) pallets  
Brother TC R2B Vertical Machining Center with 4th Axis Table  
Mazak CNC Vertical Mill Long Bed SVC2000L  
120"(X) 20"(Y) 20"(Z)  
Haas TM Series Vertical Mill  
(2) Haas V-1 Vertical Mill  
(2) Haas V-3 Vertical Mill  
(1) Haas EC300 Horizontal Mill  
(1) Haas EC400 Horizontal Mill  
Haas EC-300 Horizontal Machining Center  
(2) Haas V-5 Vertical Mill  
(3) Bridgeport Mills – EZTrak  
(2) 4th Axis Rotary Positioners  
Mazak FH-4000 Horizontal Mill  
NC Vertical Lathe  
NC Lathe with Live Tooling  
VF4SS Vertical Mill

#### EDM Equipment

Charmilles Robofil 290 Wire Burn EDM  
Charmilles Ram Type EDM

#### Water Jet Machining Equipment

Flow Water Jet 6012 144" (X) 72" (Y)

#### Quality Control Equipment

Brown & Sharpe CMM  
Gage Master 14" Optical Comparator  
Surface Plates: Certification on File  
Brown & Sharpe 7107 CMM 40" (X) 23" (Y) 25" (Z)  
Romer 9 Foot Portable Arm PCMM with 4' x 10' granite plate  
Wilson Hardness Tester