

Machine Shop AS9100 Rev.D.

Machinable Materials

Aluminum
 Brass
 Copper
 CRS/HRS
 Plastics
 Stainless Steel
 01/A2
 4130/4340
 Titanium
 Carpenter 20
 Hastelloy C-276
 Molybdenum
 Inconel

- **PROTOTYPING**
- **PART MARKING**
- **LOW VOLUME / HIGH MIX PRODUCTION**
- **CLIMATE CONTROLLED INSPECTION**
- **4th & 5th AXIS CAPABLE**

Machining Centers (Milling)

BRIDGEPORT (X-25", Y-11.5", Z-16")	TABLE SIZE: 42.0" x 12.0"
BRIDGEPORT EZ TRAK (X-25", Y-11.5", Z-16")	TABLE SIZE: 42.0" x 12.0"
BRIDGEPORT EZ TRAK 2 (X-25," Y-11.5", Z-16")	TABLE SIZE: 42.0" x 12.0"
BRIDGEPORT SERIES II (X-30", Y-15", Z-16")	TABLE SIZE: 11.0" x 58.0"
BROTHER SPEEDIO S500 X1 CNC MILL (X-19.7", Y-15.7", Z-11.8")	TABLE SIZE: 23.4" x 15.7"
BROTHER SPEEDIO S700 X1 CNC MILL (X-27.6", Y-15.7", Z-11.8")	TABLE SIZE: 31.4" x 15.7"
DOOSAN DMN II Series VMC CNC MILL (X-30", Y-17", Z-29.1")	TABLE SIZE: 36.2" x 17.1"
JOHNFORD DMC-1500H (X-59.1", Y-35.4", Z-30")	TABLE SIZE: 63" x 35.5"
SHARP SV-2414S-IF VMC CNC MILL (x2) (X-24", Y-14", Z-18.1")	TABLE SIZE: 28.0" x 13.8"
SIP HYDROPTIC 8P JIG BORE (X-55.1", Y-40.3", Z-38.1")	TABLE SIZE: 61.8" x 40.3"
SWI DPM2 (X-31", Y-16", Z-23.5")	TABLE SIZE: 9.0" x 49"
TRAK DMP SX5P (X-40", Y-20", Z-23.5")	TABLE SIZE: 50.0" x 12.0"

Turning Centers (Lathes)

DOOSAN PUMA GT2100 CNC 8" Global Standard Turning Center	Maximum Turning Diameter 15.35"
HARDINGE DV-59 (x2) 9" x 18" Engine Lathe with 1.25" Bore	Maximum Turning Diameter 9.0"
MORI SEIKI MH-1500 24" x 60" Engine Lathe with 3.25" Bore	Maximum Turning Diameter 24.0"
MORI SEIKI 18" x 40" Engine Lathe with 1.50" Bore	Maximum Turning Diameter 14.0"

Grind Room Equipment

CHEVALIER 1224 Surface Grinder	PARKER MAJESTIC 6" x 12" Surface Grinder
TSCHUDIN HTG-400 OD Precision Grinder	MITSUI HIGH-TEC 6" x 12" Surface Grinder
MOORE 6" x 18" Jig Grinder	SUNNEN Honing Machine
EX-CELLO Center Lapping Machine	

Fabrication - Welding

MILLER – Millermatic 250
MILLER – Millermatic 252
TIG, MIG and Stick

Support Equipment

DoALL DBW-15 Vertical Band Saw
HYD MECH V-18 Series Vertical Tilt Frame Band Saw 18" x 31"
KYSON/JOHNSON KJ10 Horizontal Band Saw
SKAT- Blast Trig Blast Cabinet 28" x 28" x 46"

Inspection Equipment (Metrology)

MITUTOYO - Height Master Gage – 2X	Pin Gages .011 – 1.0" dia
WENZEL Z-Orbit X86 CMM	Bore Gages .20 – 12" dia
Micrometers to 30"	
Surface Plate - 3X	

