

INNOVATIVE PRECISION EQUIPMENT LIST

Innovative Precision's management alone has over 40 years of combined experience in high precision CNC Machining, Tool & Die Making, Prototyping, and Production Machining. Innovative Precision takes pride in running a clean operation and will deliver quality beyond your expectations. If you have work for us to bid or would like to tour our facility, please direct all inquiries to Bryan Cardon at the address, phone number, or fax number listed below.

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SHOP MANAGEMENT SOFTWARE:

EXACT JOBOSS shop management software

CAD/CAM SOFTWARE:

Qty: 1 Part Maker –Mill-turning, Swiss machining Capability, C axis, Y axis, 4&5 axis, Surface Machining

Qty: 8 Stations - FEATURE CAM 3D, Milling & Solid Surfacing, 2 ½ D, 3D, 4 axis, Tombstone, Mill Turn, Wire EDM. Innovative Prec has several CAM programming stations available

Qty: 1 Solid Works

CNC MACHINING CENTER:

Qty 1 – OKUMA MA-400HA HORIZONTAL MACHINING CENTER

24" (X) x 24" (Y) x 22" (Z)

Qty 1 – MAZAK NEXUS 5000 II HORIZONTAL MACHINING CENTER

28.74" (X) x 28.74" (Y) x 29.13" (Z)

Qty 1 – MAZAK VCN-700D/40 (4 AXIS)

60"(X) x 27"(Y) x 25"(Z)

Qty 3 - MAZAK VERTICAL MACHINING CENTER

41.34" (X) x 20.08" (Y) x 20.08" (Z)

Qty 1 - MAZAK VERTICAL MACHINING CENTER

30.0" (X) x 16.1" (Y) x 20.08" (Z)

Qty 1 - DAEWOO VERTICAL MACHINING CENTER

30.0" (X) x 16.0" (Y) x 18.0" (Z)

Qty 2 - HURCO VM1 3 AXIS MACHINING CENTERS

22.0" (X) x 14.0" (Y) x 18.0" (Z)

Qty 1 - BRIDGEPORT TORQUE CUT 2 (4 AXIS)

22" (X) x 16" (Y) x 20" (Z)

PROGRAMMABLE MILLS:

Qty. 1 - EZ TRAK SERIES II	32" (X) x 14.5"(Y) x 12"(Z)
Qty. 1 - EZ TRAK SERIES I	30"(X) x 12"(Y) x 16"(Z)
Qty. 1 - SHARP 2 AXIS MILL	30"(X) x 12"(Y) x 16"(Z)

CNC LATHES:

Qty. 1 - MORI-SEIKI SL150 CNC TURNING CENTER	With Programable Tailstock, 5-Axial Driven Tools 4-Radial Driven Tools, LNS ECO Magazine Bar Feeder
Qty: 1 INTEGREX i-200s x 40"	72 Tool magazine, ATS ML-5655 Servo Short Magazine Bar feeder (2.55" capacity), RENISHAW Work Measuring sys., Simultaneous 5-Axis capability
Qty: 1 GANESH 32CS 7-Axis Twin Spindle Mill Turn Center	W/Full "Y", Rebel V65 Bar feeder 1 3/8" capacity, 11 Live Tools
Qty: 1 GANESH GT-2468 CNC Lathe 24" Swing x 68" Center	
Qty. 1 HURCO TMM10 CNC LATHE	4 Radial Live Tools, 4 Axial Live Tools, 10.6 Diameter Turning capacity, 19" Part Length Capacity,
Qty. 1 EZ PATH/CNC LATHE 17" x 40"	
Qty. 1 KIA TURN 21B TURNING CENTER	LNS ECO LOADER MAGAZINE BAR FEEDER
Qty. 1 DAEWOO LYNX - 210	WITH BAR FEEDER

MANUAL LATHES:

Qty: 1 GRAZIANO PRECISION LATHE 15" x 32"
Qty: 1 ACRA TURN 13" x 40"

WIRE EDM

MITSUBISHI WIRE EDM FX10,	MACHINING RANGE (XxYxZ), 350x250x220(13.779x9.842x8.661), TAPER ANGLE 15 FOR WORKPIECE 100(3.94 THICK), WORKPIECE DIMENSIONS (WxDxH) 800x575x215 (31.49x22.63x8.46), TABLE DIMENSIONS 630x530 (24.80x20.86)
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EDM DRILL

CURRENT EDM Model FT-3000M

MACHINING RANGE (XxYxZ)762 x 300 x 400 (30" x 12" x 16", ELECTRODE DIAMETERS FROM .012"-.256"
DRILL HEAD TILT – FRONT TO BACK: 45 DEGREES
DRILL HEAD TILT – SIDE TO SIDE: 90 DEGREES,
TABLE DIMENSIONS: 42" X 9"

SINKER EDM

Qty: 1 - ELTEE PULSITRON WITH EP300CP CONTROL & FUTABA DRO
8"(X) x 6"(Y) x 12"(Z)

SAWS:

Qty: 1 - CLAUSING STARTRITE V500 F VERTICAL BANDSAW

Qty: 1 - KALAMAZOO AH-300H AUTOMATIC HORIZONTAL BANDSAW

GRINDERS:

Qty: 1 - CHEVALIER 16 X 40 AD II - AUTOMATIC SURFACE GRINDER

Qty: 1 - 6"x18" SURFACE CHEVALIER GRINDER

Qty: 1 - OKAMOTO O.D./I.D. GRINDER

HONE

SUNNEN HONING MACHINE

HEAT TREAT OVENS:

Qty: 2 PARAGON OVENS 8" CUBE

Qty: 1 K.H. HUPPERT OVEN (12"x12"X23")

SURFACE FINISH / SPECIAL PROCESS:

Black Oxide

Part length Capacity: 23" long max

Specification Compliance: MIL-C-13924, Class 1

INSPECTION:

BROWN & SHARPE PFx B 454

Measuring Range: 458 mm (18") (X) x 510 mm (20"0) (Y) x 406 mm (16")(Z)

FB2 Control System

Renishaw PH10T Probehead - Renishaw TP20 Probe

Software: PC-DMIS CAD

Import file to create CMM inspection program

Ability to import models to verify Accuracy.

BROWN & SHARP MODEL# 9.20.8 HARTWIG

Measuring Range: 900 mm (35.43") (X) x 2000 mm (78.74") (Y) x 800 mm (31.50")(Z)

B3C Control System

TESASTAR-sm TKJ motorized Probe head

Thermal Compensation

Software: PC-DMIS CAD

Import file to create CMM inspection program

Ability to import models to verify Accuracy.

Fully equipped inspection area – Optical comparator, Surface plate, Digital height stands, Hardness tester, Complete gage pin set, Thread plug/ring gages, Surface analyzer, Bore gages, etc.

FULL INSPECTION DEPARTMENT IS CLIMATE CONTROLLED TO ENSURE ACCURACY
