

# **WIRE CUT COMPANY**

## **EDM JOB SHOP FACILITY LIST** **ELECTRICAL DISCHARGE MACHINING**

**SINCE 1978**

**20,000 SQ. FT. COMPLETE CLIMATE -CONTROLLED MANUFACTURING FACILITY**  
**WIRE EDM MACHINING Electrical Discharge Machining & Manufacturer**

1 - CHARMILLES ROBOFIL 6020SI	5-AXIS, HIGH SPEED AUTO THREADING, SUBMERGED CUTTING, MICRO SURF FINISHING
1 - CHARMILLES ROBOFIL 4020 SI	5-AXIS, HIGH SPEED AUTO THREADING, SUBMERGED CUTTING, MICRO SURF FINISHING
3 - CHARMILLES 330F	5-AXIS, HIGH SPEED CUTTING, 16" SUBMERGED CUTTING
2 - CHARMILLES ROBOFIL 500	HIGH SPEED CUTTING, 30 DEG. ANGLE AT 16" THICK, "Z" THICKNESS MAX 27" 27" X 16" X 16"
5 - CHARMILLES ROBOFIL 300	HIGH SPEED CUTTING, 30 DEG. ANGLE AT 16", 16" X 10" X 16

### **CONVENTIONAL EDM APPLICATIONS**

1 - CHARMILLES ROBOFORM 40	4-AXIS, CNC, 6 STATION TOOL CHANGER 128 AMPS
2 - CHARMILLES ROBOFORM 400	4-AXIS, CNC, 20 STATION TOOL CHANGER 128 AMPS
1 - CHARMILLES ROBOFORM 35	4-AXIS, 64 AMP
1 - CHARMILLES ROBOFORM 31	4-AXIS, 64 AMP, 6 POSITION TOOL CHANGER
2 - CHARMILLES E110	25 AMPS WITH D.R.O./0.0001
1 - SODICK K1C	SMALL HOLE E.D.M.
1 - CURRENT CT300	C.N.C., HIGH SPEED E.D.M. DRILL
1 - CURRENT MT30	C.N.C., HIGH SPEED E.D.M. DRILL 16 X 24" TRAVEL
1 - EXTRUDE HONE MACHINE	77C ABRASIVE FLOW MACHINE

**CLEAN ROOM for EDM JOB SHOP**

**CLASS 100 CLEAN ROOM**

**16' X 24'**

ULTRA -SONIC CLEANING SYSTEM

HELIUM LEAK TESTER

2 – ORBITAL BUTT WELDERS

**PROGRAMMING for EDM**

1 - ADMINISTRATION/SCHEDULING COMPUTER-SOFTWARE:

“ PROFITKEY” JOB SHOP MANUFACTURING CONTROL SYSTEM;  
PLANNING, SCHEDULING, ORDER TRACKING, COST CONTROL

INTER-OFFICE L.A.N.

3 - PROGRAMMING COMPUTERS, “ EspritX” PROGRAMMING, IBM/ “WINDOWS NT” OPERATING SYSTEM

1 – “EspritX” CAD/CAM, BI-DIRECTIONAL DATA COMMUNICATION, IGES AND DFX

1 – POWERWAY QUALITY ASSURANCE DOCUMENT CONTROL

**EDM INSPECTION: ISO 9002/AS9000 COMPLIANT**  
**MIL-I-45208A/MIL-STD-45662**

1 - COORDINATE MEASURING MACHINE BROWN & SHARP MICRO XCELL	FULL DCC AND MANUAL 18” X 20” X 16”
1- COORDINATE MEASURING MACHINE BROWN & SHARP GLOBAL IMAGE	PC-DMIS CAM 20” X 30” X 20”
1 - STARRETT 16” COMPARATOR	X20 LENS SURFACE
1 – STARRETT 24” COMPARATOR	X20 LENS SURFACE
1 - MITUTOYO COMPARATOR PH350	X10,20,50 LENS SURFACE ILLUMINATION, D.R.O./ .0001
1 – MICRO-VU COMPARATOR	14” SURFACE ILLUMINATION, D.R.O./ .0005
3 - STARRETT GAGE BLOCKS	100 PC. SET
3 - MITUTOYO HEIGHT GAGE	18” WITH D.R.O. .0001
2 – FOWLER HEIGHT GAGE	24” WITH D.R.O. .0001
1 - MITUTOYO HEIGHT GAGE	24” WITH D.R.O. .0001
3 - HARIG RADIUS DRESSER	
1 - INSPECTION SURFACE PLATE	48” X 96”
6 - INSPECTION SURFACE PLATE	24” X 36”
1 - INSPECTION SURFACE PLATE	26” X 48”
1 - INSPECTION SURFACE PLATE	24” X 48”
10- PIN GAGES	.011 - .750
21- INDICATORS	
1 - MICROMETER SET	0 – 36”
1 - MICROSCOPE, TOOLMAKER, D.R.O X60, 100, 200, 400 LENS	
3 - MICROSCOPE, VARIABLE LENS	
1 - ROCKWELL HARDNESS TEST SCALE - B & C	

## **EDM JOB SHOP TOOL ROOM EQUIPMENT**

- 1 - HITACHI-SEIKI VM50 C.N.C. MACHINING CENTER
- 1 - SUPERMAX C.N.C. MILL/ANALAM D.R.O.
- 2 - BRIDGEPORT MILLING MACHINES/D.R.O. & FULLY TOOLED
- 2 - LAGUN MILL & D.R.O./FULLY TOOLED
- 1 - CNC LATHE GT27 UPGRADE, HARDINGE- TYPE GANG TOOLING
- 4 - HARIG GRINDALL
- 6 – BOYAR- SCHULTZ TOOLMAKER SURFACE GRINDER 6” X 12”
- 1 – OKAMOTO SURFACE GRINDER 12” X 24”
- 1 - LANDIS OD GRINDER
- 3 - HARDINGE LATHE/FULLY TOOLED, TOOL ROOM LATHE
- 1 - GLASS BEAD BLASTER
- 1 - MICRO BLASTER 6500
- 2 - GROB BAND SAW/WELDER 18”