



RAM EDM Services

From Promold-Gauer's conception, ram EDM was the foundation the company was built upon. We possess 4 cnc EDM's as well as 1 conventional EDM. We feature 2 high speed graphite mills that have 3R Quad Systems mounted on them to allow for maximum unattended machining. All of the ram EDM's as well as the high speed graphite mills utilize System 3R fixturing to allow for +/- .0002 accuracy throughout the EDM process.

CNC RAM EDM

Charmille Roboform 40 - 4 axis CNC EDM Machining center, Programmable "C" axis (rotating spindle) and 24 station electrode changer; X=19.7", Y=15.7", Z=17.7" travel, 128 amp power supply, 220 lb. head capacity and 2200 lb. table capacity, +/- .0002 tolerance.



Charmille Roboform 50 - 4 axis CNC EDM Machining center, Programmable "C" Axis (rotating spindle) and a 24 station electrode changer; X=23.5", Y=16.0", Z=17.7" travel, 128 amp power supply, 220 lb. head capacity and 2200 table capacity, +/- .0002 tolerance.

Sparcatron CNC EDM - 300 amp power supply with 50" X 130" travel.

EDM Solutions CNC EDM - 300 amp power supply with 44" X 80" travel.

Small Bridgeport Type EDM - 128 amp ERM power supply.

Graphite Mills

OKK TRC-500 High Speed Graphite Milling Center -
FANUC 16-M Control; 6-Station Tool Changer; X=19.7",



Makino SNC-64 High Speed Graphite Milling Center -
Fanuc Pro A control; 15-station tool changer; X=23", Y=16",
Z=16" travel, 20,000 RPM Spindle, positioning accuracy of
.0002.

Grinder

Okamoto - 6" X 12" manual surface grinder; SONY digital read out .0001 graduations.

Miscellaneous Machines and Inspection Equipment

Bridgeport Series-2 EZ Track- 2 axis milling machine; Z Track control; X=30", Y=16",
Z=5" travel; positioning accuracy .0005

Westhoff Horizontal Micro Flushing Drill

Gage Master #BALYGXL-2000 Optical Comparator

Starret Pink Granite Surface Plates (inspected annually) with Mitutoyo Digi-Matic Height Gages .00005 Readout: .00002Resolution.

Multiple sets of Gage Blocks (steel and carbide); Gage pins; one-tenth graduation micrometers, calibrated annually; one-tenth graduation Mitutoyo indicators.