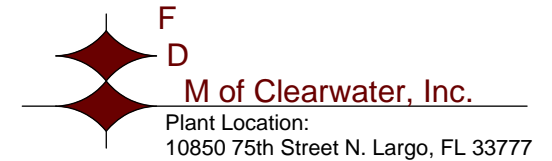


## FAST QUALITY SERVICE

Experience in wire and sinker EDM processes including blind holes, pockets, hidden areas, irregular shapes, ellipse, contours, precision keyways, hexes, slots, splines, rosan serrations, threads, turbine blades components, and threaded holes in hardened steel. EDM'ing of titanium and much more. Wire EDM to 7.5 thick; taper depending on thickness. Blanchard Grinding up to a 36" diameter. Wet flat grinding capacity up to 12" x 36". 3 Axis CNC Machining with 16" x 40" Y-X Travel. CNC Lathe with 6" chuck with 16" clearance on length. Conventional turning with a 13" x 48" Clausing. Cylindrical Grinding to 5" dia x 3" long and 2" dia to 12" long between centers. We build molds, machine custom parts, build gluing, test, and holding fixtures to your specs and design or from solid models and cad drawings.



Phone: 727-544-8801

Fax: 727-544-8508

Visit us at:

[www.FDMofClearwater.com](http://www.FDMofClearwater.com)

Email

[FDMofClearwater@aol.com](mailto:FDMofClearwater@aol.com)



President: *Mike Conte*

Office Manager: *Karen Coultas*

Assistants: *Lisa and Teresa Conte*

**SINKER and WIRE EDM  
CNC-TOOLMAKING  
PROTO TYPE AND LONG TERM  
MOLDS-GRINDING-TURNING  
GENERAL MACHINING**

### VERTICAL EDM MACHINES

- (1) Elox 12-4832 32"x 48" Table
  - (2) Elox HRP-109 24"x40" Table
  - (3) Elox HRP-104 16"x 38"Table
  - (4) Elox 12-3816 16"x 38" Table
  - (2) Elox 8-62 9" x 21" Table
  - (1) Charmilles Fast Hole Popper
- These machines are capable of EDMing from .25 to 240 amps with tolerance held to .001.

### CNC WIRE MACHINES

- (2) Fanuc/Elox Series Q-5 Axis
- These machines are capable of 13"x 19" X and Y stroke with 7.5 max cutting heights.
- (2) Fanuc/Robocut-Alpha OB Submersible
- These machines are capable of 11.8"x 7.9" X and Y stroke with 5.9 max cutting heights

### MILLING MACHINES

- (2) Haas CNC with ATC
  - (1) Trak DPM 3 Axis Age 3
  - (7) Bridgeport Conventional J Series
  - (1) Super Max
- The above includes DRO and power feed features, right angle heads, and proprietary customs made off set head.

### GRINDING EQUIPMENT

- (5) Harig 6x12 Surface Grinders
- (1) 6x18 Clausing Surface Grinder
- (1) Gallmeyer/Livingston w/ 12"x 36" Chuck
- (1) Myford ID-OD Cylindrical Grinder
- (1) #18 Blanchard with 36" dia chuck
- (1) Vulcan Air Jig Grinder
- (1) Precise-Jig Grinding Head

Above equipment is supported by various Microgrinds, Harig and Newbould indexable grind-alls, radius and angle dressers and proprietary thread grinding equipment.

## FDM OF CLEARWATER, INC.

*A Woman owned family business*

### PWA-97 and LCS Approved

*FDM of Clearwater* is your one stop source for all your machining needs.

Established in 1971 and formerly known as Florida Discharge Machine, *FDM* has maintained the same management and key machining personnel for over 30 years. The combined experience of this team can assure you of the highest quality work that can be performed with the latest in today's technology.

Specializing in **EDM**, we have built a reputation for quality workmanship and delivery surpassed by none! With our proprietary tooling inventory and our **CNC** capability, even very short job runs can be multi-tooled to save you money.

Give us the opportunity to quote your next job and you will join our list of many satisfied customers.

### LATHES

- (1) Supermax CNC 6" Chuck x 16" clearance chuck to tool holders
- (1) Clausing Colchester 13"x 48"
- (2) MSC 6-18 with DRO

### MISCELLANEOUS EQUIPMENT

Wellsaw #1000W  
Sunnen Honing Machine  
Drake 50-Ton Hydraulic Press  
A-Frame with 2 Ton Hoist  
Dust Collectors  
Vapor Blast Liquid Hone  
Westoff Horizontal Drill  
Belt Sanders  
Bench Grinder  
Hydraulic Die Cart  
6000 LB Fork Lift  
Do-All, U36 Band Saw  
Thomson T/C Mill Drill Table  
Minimet Polisher XLB 10900  
Handimet Strip Grinder XLB 15750  
Polishing Equipment

### INSPECTION EQUIPMENT

- (1) Brown & Sharpe Microhite 600
- (1) 14" Deltronic Image Master Optical Comparator
- (12) Granite Surface Plates
- (1) Cadillac Gauge
- (1) Metalograph Unitron Binocular Up to 600x
- Gauge Pins .011 to 1.000
- Certified Gauge Blocks and all other necessary precision measuring tools

**FDM is a special process facility pertaining to, but not limited to, Wire and Sinker EDM, CNC, Turning, Grinding, Blanchard Grinding, Tool-Making and Mold-Making make this a complete service shop.**