

Wire & Sinker EDM

Electrical discharge machining, aka EDM, is a highly accurate method of part production. Wire EDM technology is essential for higher tolerance parts and repeatable tooling. Tolerances held to $\pm .0002$ " in our facility. We currently have 6 wire EDM machines and 3 CNC sinker EDM machines.

Small Hole Drill EDM

This process uses custom machined electrodes that produce sparks alongside the surface of the electrode to machine, sink or plunge the cavity. Tolerances can be held to $\pm .0002$ " and we currently house 3 small hole EDM drilling machines.

Abrasive Waterjet

Waterjets are industrial tools used to cut material with an abrasive/water mixture at 60,000psi. Milco currently houses 3 waterjet cutting machines. There are many advantages to this process including:

- Shorter lead time
- Broad range of materials
- No heat affected zone
- Flawless programming

 Milco Wire EDM & Waterjet



@milcowireedm



@milcoedm_waterjet



15221 Comenator Ln.
Huntington Beach, CA 92649
(800) 998-1885
info@milcowireedm.com
info@milcowaterjet.com

/DBA



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www.Milcowireedm.com



MILCO Waterjet, An AS9100 and ISO 9001 Registered Company offers Industry Leading, Top Quality and Fast Turnaround Waterjet Machining.

Compared to saw cutting, routing, plasma cutting, and laser cutting; Waterjet cut finish stands alone. With a smoother, more sandblasted look, free of burnt edges, chips, burrs, and slag. It can save you in unnecessary finishing costs.



- **No distortion & no stresses are impacted into material with tolerances up to $\pm .005''$**
- **Superior edge quality with minimal burr**
 - Lower overall cost
 - Tilt-a-head minimizes taper

Machinable Materials Include:

- Composites
- Metals of all alloys
 - Stone
 - Ceramic
- Brass & copper
 - Rubber
 - and more!

Established in 1990



SDVOB

SERVICE DISABLED VETERAN OWNED BUSINESS

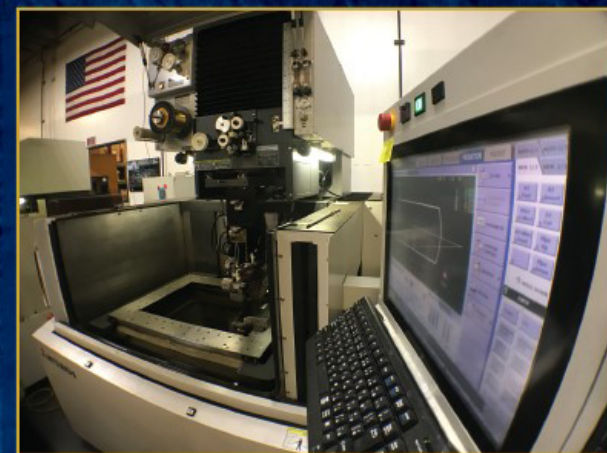


15221 Connector Ln.
Huntington Beach, CA 92649
(800) 998-1885 • Fax: (714) 373-1718
www.milcowireedm.com
www.milcowaterjet.com

MILCO WIRE EDM INC.

/DBA **MILCO WATERJET**

INNOVATION THROUGH TECHNOLOGY



Milco Wire EDM is AS9100 and Nadcap certified. Wire EDM, Sinker EDM and Small Hole EDM are the three fundamental pillars of EDM Machining. Electrical conductivity is the unifying requirement with all of these components. A superior level of accuracy, tightened tolerances and an increased surface finish can be achieved through EDM that conventional machining methods cannot normally ascertain. There is no residual stress and little changes in the mechanical and thermal properties of the material.

Tolerances held to $\pm .0002''$

**CNC Sinker
Small Hole Burning EDM
Wire EDM**

