

Adron EDM Specialists

FACILITIES LIST



Adron continuously adds machines to enable us to exceed customers' needs. We focus on equipment for high production, large work pieces, precise tolerances, low-cost cutting, and other customer requirements.

Visit us online at www.adron.com

CNC EDM Machines



Large CNC wire EDM machines

- 1 **Mitsubishi** DWC400H1, 32" x 40" x 18"
- 1 **Mitsubishi** DWC300HA, 20" x 40" x 18"
- 1 **Mitsubishi** DWC200HA, 16" x 30" x 10"
- 1 **Mitsubishi** DWC120H1, 12" x 18" x 21.5" (26.5" w/o taper)
- 1 **Mitsubishi** DWC110HA, 12" x 18" x 18"

Listed are cutting dimensions. Work piece dimensions are larger.

CNC production wire EDM machines

- 1 **Mitsubishi** SX2, 20" x 14" x 11"
- 1 **Mitsubishi** SX1, 14" x 10" x 9"
- 8 **Mitsubishi** RA90, 13" x 10" x 6.5"
- 8 **Mitsubishi** DWC110C2, 12" x 18" x 10"
- 4 **Mitsubishi** DWC90H, 10" x 12" x 6"
- 5 **Mitsubishi** DWC90C, 10" x 12" x 6"
- 1 **Mitsubishi** DWC110G, 12" x 18" x 10"
- 2 **Mitsubishi** DWC90G, 10" x 12" x 6"
- 2 **Mitsubishi** DWC90H1, 10" x 12" x 6"
- 2 **Mitsubishi** DWC70H, 8" x 10" x 6"



CNC submersible wire EDM machines

- 1 **Mitsubishi** FA10V, 14" x 10" x 9"
- 1 **Mitsubishi** FA20V, 19.7" x 13.8" x 12"
- 1 **Mitsubishi** FA30V, 29.5" x 19.6" x 26.5"
- 3 **Mitsubishi** FX10, 14" x 10" x 9"
- 1 **Mitsubishi** DWC110SZ, 12" x 18" x 10"
- 4 **Mitsubishi** DWC90SB, 10" x 12" x 6"

CNC conventional EDM machines

- 1 **Mitsubishi** EA30E Drop Tank
- 1 **Mitsubishi** EX22FP100
- 1 **Mitsubishi** EX8FP60
- 1 **Mitsubishi** M35C6
- 1 **Mitsubishi** M25KC4
- 1 **Mitsubishi** M25JC4

CNC hole drilling EDM machines

- 2 **CNC** high-speed EDM drills
- 1 **Current** MT30 on CNC 3 axis mill



EDM Hotline 800-346-9004 Fax 262-255-4593

Support Equipment

CNC machining centers

- 1 **Mazateck** V-655 (M32), 26" x 59" x 26", 30 tool changer and touch probe measuring system
- 1 **Mazak** VTC-20C (M32), 20" x 65" x 20", 48 tool changer and touch probe measuring system
- 1 **Mazak** AVJ-18 (M32), 22" x 16" x 18", 30 tool changer, 10,000 rpm
- 1 **Mazak** VQC20/40B (M-2), 20" x 40" x 25", 20 tool changer
- 1 **HAAS** VF-5-50, 50" x 26" x 25", 30 Tool changer and touch probe measuring system

Other tools

- 2 **Yuasa** programmable 4th axis, 8" x 10" servo rotary tables
- 1 **Nardini** MS1440E lathe with readout
- 1 **Moore** number 1 jig borer, fully tooled
- 1 **Millport** vertical mill
- 1 **Mitsui** surface grinder, 6" x 18"
- 1 **Chevalier** CNC surface grinder, 12" x 24"
- 1 **Grob** vertical bandsaw
- 1 **Jaespa** cutoff saw
- 2 **Gamm** dry blasters
- 1 **Uni-Tek** metal disintegrator
- 1 **HEM** CNC saw H130HA-DC 18" x 20" capacity

Material handling equipment

- 1 lift truck, 7,000 lb.
- 1 lift truck, 5,000 lb.
- 4 overhead cranes, up to 10,000 lb.
- 2 electric hoists

Quality assurance

Full quality manual, operating procedures, work instructions, and planned routings.

- 2 **Mitutoyo** CNC coordinate measuring machines, 0.000010" resolution
 - 1 **Brown & Sharpe** Validator DCC coordinate measuring machine, 0.000040" resolution
 - 1 **OGP** Avant AV300 video measuring system, 0.000010" resolution
 - 1 **Ram** optical video inspection 50-200X
 - 1 **Brown & Sharpe** Micro-Hite, 1 axis 24", 0.0001" resolution
 - 1 **Gage Master** 12" optical comparator, 0.0001" resolution
 - 15 granite surface plates, up to 36" x 72" x 12"
 - 1 **Rockwell** hardness tester
 - 2 **Haas** indexing tables, +/-1 minute
- Class 10,000 clean room
Wide variety of inspection hand tools

Computer equipment

All computer and CNC equipment is networked to share information.

- 3 **Esprit** CAM software licenses w/IGES, DXF, and DWG translators
 - **Adron's** own DNC software to communicate from any computer to all CNC machines
 - 30 Windows workstations
 - Enterprise resource planning software
 - Machine tool monitoring system



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