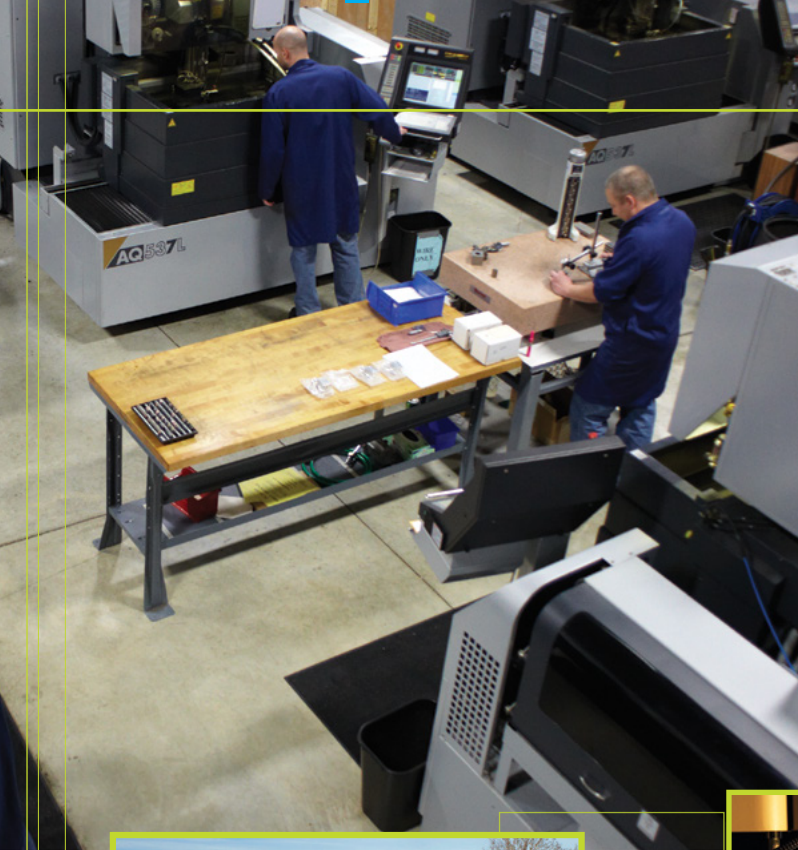


XACT
Wire EDM Corporation

People and Technology Providing Precision Wire EDM

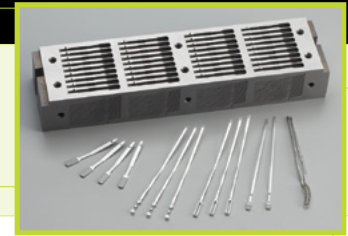
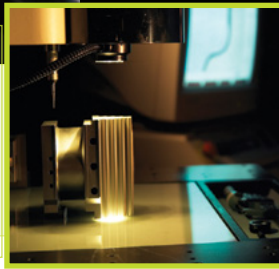


XACT Wire EDM Corporation

An extension of your capabilities completely devoted to wire EDM.

Xact is a specialized company dedicated to being the premier provider of wire EDM services. Our exclusive focus on wire EDM results in benefits to you. Since 1984, this dedication means that we have kept current with technological changes and have improved our skills in one field, wire EDM.

Our people continuously adhere to the highest standards of excellence and integrity. Our goal is to build successful long-term partnerships between Xact and the customers we serve.



The Advantages of Wire EDM Machining

Wire EDM is a method to cut conductive materials with a thin wire electrode that follows a programmed path. The hardness of the work piece material has no detrimental effect on the cutting speed. The CNC machine can independently move the four machine axes to generate taper cuts. Wire EDM can be accurate to +/- .0001" (.0025mm). Virtually no burrs are generated. Also since no cutting forces are present, wire EDM is ideal for delicate parts. No tooling is required so delivery times are short. Components are machined after heat treatment so dimensional accuracy is not affected by heat treat distortion.

Our Capabilities

Xact is one of the largest capacity EDM shops in the country and can handle any size or type of project. Our programming department has broad expertise and our quality system is ISO certified. Using our services will enhance your business by giving you access to the latest in wire EDM technology.

- Aerospace
- Automation
- Automotive
- Communications
- Cutting Tools
- Defense
- Electronics
- Energy
- Food
- Medical
- Packaging
- Paper Processing
- R & D / Prototypes





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www.xactedm.com

720 Industrial Dr. Unit 126
Cary, IL 60013
847.516.0903
Fax: 847.516.1287
xact-il@xactedm.com

We would like to welcome you to Xact Wire EDM Corporation. Xact Wire EDM has been providing high quality, cost effective wire edm services to companies worldwide since 1984. With **45 wire EDM machines and 7 CNC high-speed small hole machines**, we can provide deliveries of large or small projects to meet your needs. Both of our locations in Waukesha, WI & Cary, IL are **ISO 9001:2008 certified**. Our OGP Vision Inspection and CMM systems allow us to accurately inspect your project. We also offer **laser part marking** on your parts if required. Our operation runs **24/7** to serve your needs! Our goal is to work with you as a strategic vendor on your wire EDM needs and/or as an extension of your own in house machining.

Feel free to contact me with any questions you may have on an application or about our services. You can also visit and bookmark our website www.xactedm.com for more information, and to see our latest videos and testimonials.



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CURRENT SIZE CAPABILITIES

Electrode Diameter (inches)	Finished Hole Size (inches)	Maximum Thickness
0.010	.012-.015	1/4 inch
0.012	.014-.017	1/2 inch
0.015	.017-.021	1 inch
0.019	.022-.027	2 inches
0.024	.027-.032	2 inches
0.026	.029-.034	3 inches
0.031	.034-.039	4 inches
0.039	.042-.047	5 inches
0.043	.046-.051	5 inches
0.047	.050-.055	6 inches
0.051	.053-.058	6 inches
0.055	.058-.064	6 inches
0.062	.066-.069	up to 9 inches*
0.067	.070-.076	up to 9 inches*
0.075	.078-.083	up to 9 inches*
0.090	.093-.101	up to 9 inches*
0.118	.121-.126	up to 9 inches*

* Up to 14" part height possible depending on part configuration.

Notes:

Finished hole sizes may vary depending on the type of material, material thickness, and machining conditions. Typical tolerance held is +/- .005"

Maximum XY travel: X - 22.25" Y - 14.25"

Other sizes may be available with lead time and/or large quantity orders



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EDM MACHINES:

3 Charmilles	Robofil CF400	12.6" x 17.7" travel and 10.5" thick
3 Charmilles	Robofil 4020	12.6" x 17.7" travel and 14" thick with 30 degree taper capability
7 Charmilles	Robofil 510	15.7" x 27.5" travel and 16" thick with 30 degree taper capability
2 Charmilles	Robofil 310	9.8" x 15.6" travel and 16" thick with 30 degree taper capability
5 Charmilles	Robofil 300	9.8" x 15.6" travel and 16" thick with 30 degree taper capability
4 Charmilles	Robofil 290	9.8" x 15.6" travel and 8" thick with 30 degree taper capability
1 Charmilles	Robofil 230	8.6" x 13.8" travel and 8" thick with 30 degree taper capability
1 Sodick	AQ 300L LN1	7.87" x 11.81 travel and 7.87" thick with 20 degree taper capability
2 Sodick	AQ750L	19.68" x 29.53" travel and 15.75" thick with high taper capability
1 Sodick	AG600L	15.75" x 23.62" travel and 13.78" thick with taper capability
4 Sodick	AQ 537L Premium	14.57" x 22.44" travel and 13.78" thick with 25 degree taper capability
6 Sodick	AG400L	11" x 15.7" travel and 9.8" thick with 25 degree taper capability
3 Sodick	AQ400L	11.81" x 15.75" travel and 9.8" thick with 25 degree taper capability
3 Sodick	AQ 327L	14.5" x 10.6" travel and 9" thick with 20 degree taper capability
.000004"(.001mm) resolution linear glass scales		
anti-electrolysis power supply		Auto-threading
0.003" to 0.012" (.08mm to .30mm) diameter wire capabilities		
Submerged cutting for thermal stability and efficient interrupted cutting		

High Speed Small EDM machines

1 Yougar	YGS-64C CNC High-speed small hole EDM	25-1/2" x 15-3/4" with AEC
1 Charmilles	SH-2 Small Hole EDM Machine	7.8" x 11.8"
1 Sodick	K1CN CNC EDM Drilling Machine	11.8" x 15.7"
2 Current	CT300 CNC EDM Drilling Machine	12" x 8" w/ automatic electrode changer
2 Current	CT500 CNC EDM Drilling Machine	14"x 22" w/ automatic electrode changer

INSPECTION EQUIPMENT:

OGP Avant ZIP 300 Video Inspection System (multi-sensor) 12" x 12" travel
 OGP SmartScope ZIP 250 Video Inspection System 6" x 10" travel
 OGP Flash 500 Video Inspection System (multi-sensor) 18" x 18" travel
 OGP Flash 300 Video Inspection System 12" x 22" Travel Multi-Sensor w/ LTL Focus precision
 Optodyne MCV-500 Laser Doppler Displacement Meter
 3 Brown & Sharpe Global 575 CMMs with PH10M indexable heads and PCDMIS CAD++
 2 Brown & Sharpe Reflex 454 coordinate measuring machines 18"x20"x16" with reverse engineering capabilities
 2 14" Profile Projectors with 10x 20x and 50x lenses, and linear digital scales
 1 Mahr Digimar CX 1 Height Measuring Station
 1 Trimos VectraTouch 24" Height Master with Touch Probe
 2 Mitutoyo Height Masters with .00005" graduations and digital readout
 1 Mahr Millimar C1200 Amplifier/Indicator with 5 millionths resolution
 Smart Profile 3D Fitting Software and Minitab statistical software package

SUPPORT AND MISCELLANEOUS:

Prints and geometric shapes transferable by DXF, IGS, DWG, PRT files, or by reverse engineering
 SolidWorks, Kubotek, Esprit, Camtek Optical
 Cloud Based Secure uploads for any size file transfers
 Tykma Zetalase (with rotary) laser marking system, GT Schmidt Microlase laser and pin stamping systems

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