



June 2009 Newsletter

WIRE EDM

KLH Industries, Inc., an ISO 9000 registered company, has been on the cutting edge of custom manufacturing for over 21 years. A few of our services include:

- [EDM: Wire & Sink](#)
- [Multi-Axis CNC: Machining, Turning, & Grinding](#)
- [Micro Hole Drilling](#)
- [Waterjet Cutting](#)
- [Inspection Services](#)

KLH's dedicated staff of industry professionals work within a Lean environment to provide solutions in a variety of markets, some of which include:

- [Aerospace](#)
- [Defense](#)
- [Medical](#)
- [Electronics](#)
- [Food Processing](#)



PDF E-Brochure

- ISO Certification
- Capabilities Chart
- Product Examples
- Contact Information

New Customers...

Contact a sales engineer to find out how KLH can add-value to your next project:

John Chenow
(800) 294-8363 x 122
jchenow@klhindustries.com

or

Matt Stefanski
(800) 294-8363 x 252
mstefanski@klhindustries.com

Existing Customers...

Contact your Customer Service Engineer (CSE) for a competitive quote on your next project, or [Ask an Expert](#).

Thank you again for your business and support, KLH remains dedicated to supplying all of its customers with world-class products, services, and experiences.

Service Spotlight: EDM Department

Machining to your unique specifications

[KLH Industries, Inc.](#) has remained a pioneer of EDM technology for the past 21 years. Our machines in the wire EDM (WEDM) department are capable of working within +/- 0.00005" tolerances and handling parts up to 5 tons or over 2 ft tall.

In fact, according to Mitsubishi EDM, KLH houses "the tallest work piece capacity of any fully-submerged wire EDM on the market." Submersing a part balances thermal levels within the tank, which allows for reliable accuracy and faster cutting times.

KLH's large capacity WEDM machines are ideal for high-tolerance machining, such as: turbine disks found in the aerospace industry, MRI/X-Ray equipment in the medical industry, and gear box/brake parts for the wind energy industry. Whether prototypes, one part, or high-production runs, KLH has a WEDM machine to match your requirements, and exceed your expectations. For WEDM inquiries or RFQ's, contact:

Davin Karvala

EDM - Business Unit Manager

Phone: (262) 253-4990 x 224

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E-Mail: dkarvala@klhindustries.com

Website: www.klhindustries.com

Click below to view pictures and videos from KLH's EDM Department:



WIRE EDM:

- Maintains tolerances to +/-0.00005
- Taper angles to 45° with accuracy to three seconds
- Latest power supply technology (including Anti-Electrolysis)
- Auto threading and submersible
- 10 RMS or higher
- Fully production capable
- Wire diameter from 0.002" to 0.014"

MICRO HOLE EDM DRILLING:

- Performs difficult drilling tasks
- CNC programmable
- High repeat accuracy

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	<ul style="list-style-type: none"> • 0.004” to 0.125” diameter electrodes • Drill depths 300 times the diameter • Reduces risk of broken drills • Reduces cost • Eliminates costly machinery • Full production capable
<p>Digital Newsroom</p> <p>For past issues of the newsletter, other news, and press releases, explore the Digital Newsroom:</p> <ul style="list-style-type: none"> • May 09 (PDF) Service Spotlight: Quality Assurance • Apr. 09 (PDF) KLH unveils TREP program • Mar. 09 (PDF) BotsIQ “challenges” students 	<p><u>SINKER EDM:</u></p> <ul style="list-style-type: none"> • High repeat accuracy • Surface finishes to 32RMS and higher • Hole threading in hardened materials and repair of holes with broken taps that insures minimal damage to existing threads • Experience with an array of exotic materials including Carbide • Full production capable • C-axis capable for complex burns • CNC programmable • Eliminates costly machining of intricate details • Equipped with tool-changer to maximize run time efficiency
 <p>Rick Barrett's article appeared in the May 28 business section</p>	<p>Manufacturing upswing predicted for 2010</p> <p><i>Trade association predicts moderate rebound for some industries</i></p> <p>According to “Manufacturing upswing predicted for 2010” by Rick Barrett of the Milwaukee-Wisconsin Journal Sentinel, analysts believe the manufacturing recession may soon be bottoming out. This cautious call for optimism comes from a new report published by the Manufacturers Alliance/MAPI, a Virginia-based trade association. Even still, analysts believe a sustained rebound is still in the distance.</p> <p>According to Barrett, these sentiments echo the experiences of Tim Hanley, vice chairman for Deloitte & Touche, a Milwaukee-based accounting firm.</p> <p>“Most of the companies I am talking to are looking to 2010 to begin to come back. Most of the estimates of the comeback are moderate increases, but nonetheless they are increases and start to give companies a basis to build from,” Hanley said.</p> <p>The government announced that in April, “orders increased 1.9%, more than four times the 0.4% increase that has been expected.”</p>
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