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LYNN WELDING

Newington, CT

Lynn Welding started in 1979 by Jim Inglis. He started out welding brackets out of his home shop and owned just one Tig welding machine. Jim's brother, Joe Inglis, and a friend, Robert Schoenberger, joined Jim in 1985 and began diversifying into the precision machining market using their machining experience.

Jan (John) Kania, President and Owner, bought Lynn Welding in 2007 when Jim and Joe retired. Jan had over 30 years of manufacturing experience but saw something special in Lynn Welding that he liked. After purchasing the company, he sold the very successful manufacturing company he owned so that he could put all of his focus on growing his new company. His core initiatives included: Capital reinvestment, asset utilization, continuous improvement, customer satisfaction, innovation and many other components of operational excellence.

Their ability to weld, machine and fabricate entire assemblies is what makes Lynn Welding truly unique. Lynn Welding holds an extensive list of qualifications from a broad cross section of customers and is extremely well respected within the aerospace community when it comes to producing X-RAY quality welds

Welding Solutions

Strengths in welding are focused around 3 core functions: Resistance Welding (spot welding, seam welding, and stitch welding) Tig/Mig welding, and Brazing. They are NADCAP accredited welders for each of these 3 core functions

Resistance Welding

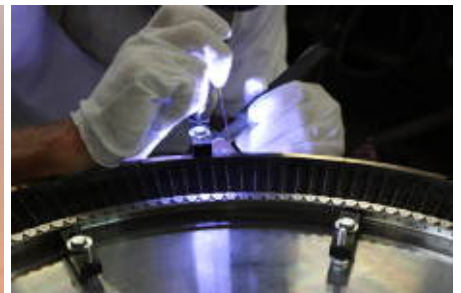
Lynn Welding provides resistance welding services to many of its customers. They utilize



Jan (John) Kania, President and Owner, with son Darius Kania, Sales Mgr.

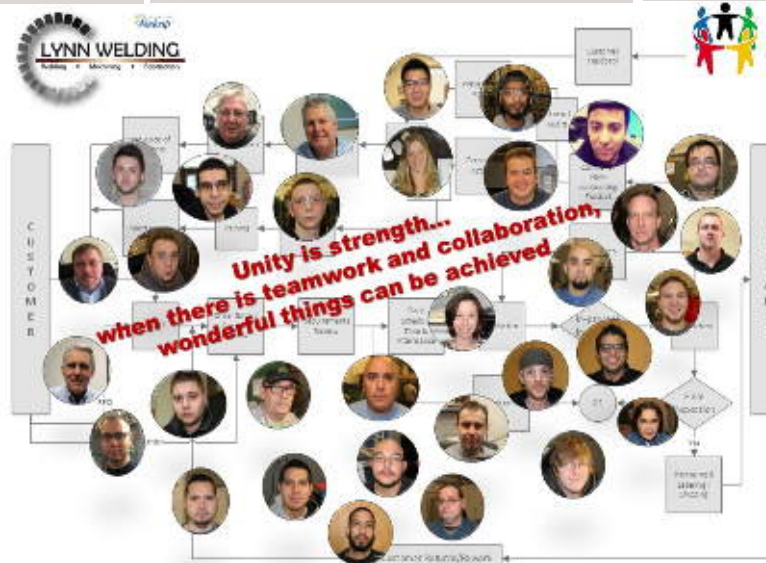


A10 Thunderbolt II after taking on fuel over Afghanistan.



Fusion welding in process.

Today Lynn Welding is one of the most well known names when it comes to welding and machining for the Aerospace, Defense, Nuclear, Industrial, and Medical industries. What started as a small one man welding shop has turned into a company that is considered the ultimate solution when complex welding and machining assignments arise.



The Lynn Welding team.

SCIACY welders which are considered the best in the world for maintaining the strictest tolerances required by the aerospace industry. SCIACY welders are capable of welding aluminum, stainless steel, titanium, Inconel and most other metals while maintaining the proper conditions to ensure a quality weld.

Their resistance welding operations are closely monitored by

Continued on page 7



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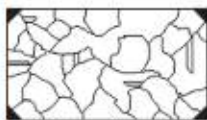
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GTAW welding (Gas Tungsten Arc Welding) of a jet engine case assembly.



Resistance spot welding of a combustion liner.

their internal quality department which ensures that all of the resistance welding functions fall within the guidelines set forth by NADCAP(National Aerospace and Defense Contractors Accreditation Program) and AS 9100.

Fusion Welding

Lynn Welding’s reputation really comes to light when you see the weld bead produced by one of their certified welders. Gas Tungsten Arc Welding (GTAW) is one of their specialties. Experienced welders follow all of the NADCAP requirements needed to ensure a quality weld. Whether welding aluminum or stainless steel, rest assured that the end result will be well within your tolerances and the weld will be of X-ray quality. Because Lynn Welding is NADCAP accredited they must follow a very defined and strict set of guidelines when welding customer’s components. These guidelines ensure that qualified welders are tested regularly in all metal groups to ensure that their welding skills remain intact.

Torch Brazing

Lynn Welding is NADCAP accredited for brazing. Certified brazers regularly join dissimilar materials to X-ray standards while maintaining blueprint and customer requirements. Lynn Welding’s brazing department carries most silver and nickel based filler alloys in stock to ensure a quick turnaround. Lynn Welding also performs soldering services for electrical applications in the aerospace industry.

Machining Solutions

Precision CNC Machining

They offer a state of the art CNC machining and tool making department capable of 4-axis milling, wire EDM and CNC turning capabilities. They have a full time staff of machinists with decades of experience in programming and operating CNC equipment as well as operating manual equipment. Their machinists are capable of running highly complex and dimensionally critical parts from most standard and exotic materials.



Lynn Welding’s resistance welding department.



Local youth group learning about manufacturing at Lynn Welding.



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5 Axis machining fixture designed and built by Lynn Welding.

Precision Wire EDM Machining

Lynn Welding has been performing wire EDM services in Connecticut for many of its customers since 2009. Today Lynn Welding operates three wire EDM machines.

Tolerances are typically .0005”.

Machines are set up to run both .004” and .010” diameter wire. Lynn Welding can wire EDM internal and external splines, gears, square holes, etc. Many of their welded assemblies are also finish machined using wire EDM’s to bring the weldments into tolerance. Lynn Welding also provides accurate wire EDM tapers up to 30 degrees.

Fixtures and Tooling

Lynn Welding has been designing and building welding fixtures for over 30 years. Over time their customers saw the quality in their welding fixtures and asked them to help them with their requirements. Today Lynn Welding builds fixtures for many applications such as work holding, inspecting and testing.

Fabrication Solutions

Their strengths in fabrication are also focused around 3 core functions.

Steel Fabricator in CT

Lynn Welding offers expert welding and precision machining under one roof, using the resources of those two departments to offer fabrication services. They have the ability to form, cut, and bend metal to almost any requirement. Taking a set of prints for an assembly, making all of the components in-house, and then assembling to final completion all under one roof. Lynn Welding fabricates for many industries, and has a broad range of abilities to accept almost any job. They fabricate and assemble weldments ranging from a few



Resistance welding in inert gas chamber.



Duct assembly that was resistance and fusion welded.

pounds to a few thousand pounds, using fabrication tables, jigs and fixtures to construct the most complex assemblies.

Lynn Welding Co. is a NADCAP accredited, LCS approved and AS 9100 certified welding shop specializing in GTAW welding,

resistance welding and brazing. The resistance welding department is a national leader and provides spot and seam welding services for many civil and military aerospace platforms. The GTAW welding department has eight certified welders on staff which allows them to provide a 5-7 day lead time for most jobs. Lynn Welding has an LCS approved laboratory enabling them to expedite lead times and reduce costs on Pratt and Whitney parts.

Lynn Welding is involved with major contracts such as welding replacement parts for the A-10 Thunderbolt, Sikorsky Blackhawk and the General Dynamics F-16. Lynn welding has CWI’s (certified welding inspectors) on staff.



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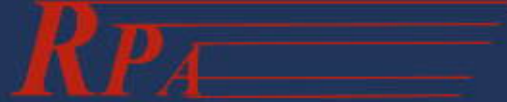
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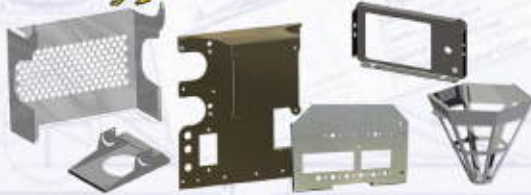
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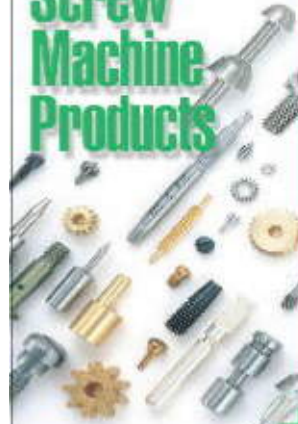
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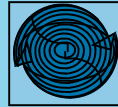
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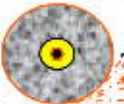
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- ☺ Why does a slight tax increase cost you two hundred dollars, and a substantial tax cut save you thirty cents?
 - ☺ All of us could take a lesson from the weather. It pays no attention to criticism.
 - ☺ Protons have mass? I didn't even know Catholics allowed them membership.
 - ☺ It's good to be open-minded, but not so open that your brain falls out.
 - ☺ I had amnesia once - or twice. I can't remember.



PRESS RELEASE

TCI Precision Metals Adds Latest Duplex Milling Technology

TCI Precision Metals today announced the installation of its newest high tech milling machine. The new Amada, THV430 represents the pinnacle of technology and precision in duplex milling. The THV430 provides a 4X increase in throughput over traditional milling machines and will help TCI shorten customer lead time and handle increased demand for its Custom Machine-Ready Blanks™.

TCI Machine-Ready Blanks are milled in width and length using the THV430's specially designed twin spindle in one setup instead of two. This reduces set up time and increases efficiency. One or more Machine-Ready Blanks can be produced together, up to the machines overall dimensional capacity of 16.93"W x 16.93"L x 5.91"H. The value is passed to TCI customers through shorter lead-times and competitive pricing. Quality from TCI Precision metals is a given, of course.

"At TCI we continuously refine our equipment and processes to maximize quality and efficiency. As a result, we are able to provide customers with cost effective, high value, Machine-Ready Blanks that can reduce a shop's overall cost by as much as 25% on a given production job," said Ben Belzer, President of TCI Precision Metals.

Custom Machine-Ready Blanks are precision milled to the customer's net specifications and can be furnished as close as +/- .0005" dimensionally and as close as .0002" in flatness, squareness and parallelism. Each Machine-Ready Blank is deburred, cleaned and vacuum packaged – ready to go directly from receiving into CNC machining centers. Machine-Ready Blanks eliminate material prep, reduce set up time, part movement, scrap and wear and tear on machine tool inserts and cutters used to square material in process.

Founded in 1956, TCI is a third-generation family-owned value-add wholesale plate and sheet distributor, producing precision Machine-Ready Blanks from aluminum, stainless steel and other alloys. Direct-to-mill with Alcoa, Kaiser and Hulamin Aluminum, including 6061, 2024 or 7075 aluminum plate and sheet, stainless steel plate and several other alloys, TCI stocks over 500,000 lbs. of material for quick turn-around on customer requirements. TCI serves the needs of the aerospace, defense, energy, industrial equipment, food packaging, semiconductor and many other industries.

For more information, visit: <http://tciprecision.com> or call: 800-234-5613

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PRESS RELEASE

Dapra Opens Milling Tech Center in Rockford, IL

New State-of-the-Art Facility is Designed for Training, Testing and Applications Development Using Company's Indexable Milling Tools

Dapra Corporation – a proud USA manufacturer of high-performance indexable milling tools and supplier of direct part marking solutions – has announced the opening of a new Midwest Tech Center site for customer training and testing.

For many years, Dapra has provided practical training to ensure that customers are getting the most out of their tools and milling processes. This centrally located Tech Center in the well-established manufacturing hub of Rockford, IL is a logical evolution of those efforts. It serves as a site for training, prototype testing, turnkey application development and educational opportunities – all with the goal of helping customers maximize their milling efficiency and increase their productivity.



“We take very seriously the concept of being a total ‘solutions’ provider,” said Mike Bitner, Dapra’s Vice President of Sales and Product Management. “Selling the tool is only one small step in a process that includes process evaluation, tool and insert grade/geometry selection, operating optimization, troubleshooting and productivity enhancement. We believe that education on the process – not just on our product – is critical to our customers’ success.”

The new Tech Center is intended to provide a combination of both theoretical and practical training, with a 30-horsepower, 12,000 RPM Haas

VM-2 machine tool on the classroom floor for hands-on demonstrations. This mold/die machine is well-suited for complex 3-dimensional surfacing, as well as typical 2D profiling and face milling. All training classes cover many practical examples, with the entire class exploring insert grade and geometry selection, ideal operating parameters, setup and programming tips and more. Dapra’s direct part marking capabilities are also available for demonstration.

Information on the facility and how to attend a milling training class are available at <http://dapra.com/techcenter>.

For more information, please contact:

Mike Bitner – Vice President, Sales and Product Management

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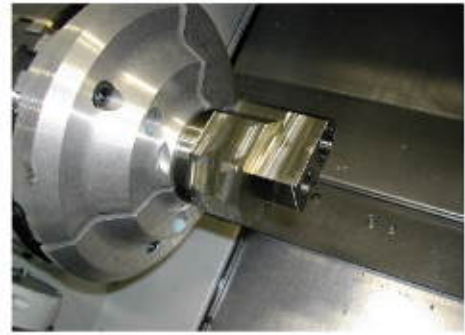
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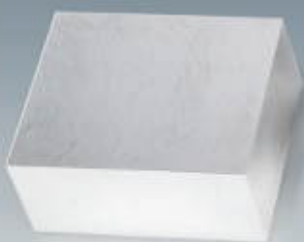
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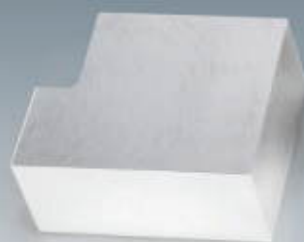
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his fifth divorce

and that's what caused

was stiff and coarse

Grandpa's beard

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