

FABCO

Machine & Engineering

**Invest
with us
in your
future, be
profitable,
and stay
tension
free with
us.**

“

**Right the first time.
On time, every time.**

”

Just Make It

There are many who subscribe to the convention that service is a business cost, but superior service is an investment that can help drive business growth. Investing in quality talent, and ensuring they have the skills, training and tools that enable them to empathize and actively listen to customers are central to providing consistently excellent service experiences.

Couple this with a “we can and will do anything for a customer” attitude and almost anything is possible.



Recently a customer came to us after exhausting other far flung places to have a complicated sheet metal part broke from a special high strength very low elongation material. When the Amada tooling engineers



said it was “utterly impossible” we relayed this to the customer along with the offer to work thru the issue alongside the customer if they wished. They did. Over the next few days Fabco developed alternant methods to accomplish the job and produced samples for lab testing. Over the next weeks FABCO produced almost 400 parts so they could be field tested. This allowed a multi million dollar product application to proceed.

We take it as a challenge when faced with difficult tasks, innovation is second nature to us.



**Recently the Fabco team exceeded my expectations delivering a very large machine part integral to the facility’s production.
Joe Spinks**

About Us



“

While we are not always the low cost provider, we strive to be your best value provider. We are continually growing our capacities and capabilities

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FABCO Machine and Engineering

has been a family owned and family oriented business, blessed by God to have been growing for over 25 years. Bob Clark began this business in 1994 with the help of his father, Bob Sr and friend Trent Dowler (both pictured below along with Jim Huddleston the first employee, Aven Hodges, and Wayne Crossno) with no idea what God had in store. Today the second generation is represented

with Robert and Jay Clark following in their elders footsteps going on toward new and bigger challenges. The real story however is of the rest of the FABCO family, some of whom have been working hard and steady for the last 20 plus years, all of whom are dedicated to providing our customers with the best value possible. They are the secret of our success!



“I would encourage and recommend FABCO as an extension to any commercial facility.” Ed Cable

Meet Our Employees



Chad Robinson
Administration



Nick Nickerson
Engineering Manager



Tim Johnson
Production Manager

“Your work is going to fill a large part of your life, and the only way to be truly satisfied is to do what you believe is great work. And the only way to do great work is to love what you do.”



Philip Widmier
Plant 1 Lead



Jarrid McGrew
Plant 2 Lead



Ricky Bridger
Plant 3 Lead

Welcome to your future Investment

A group of people get together and exist as an institution we call a company so they are able to accomplish something collectively that they could not accomplish separately – they make a contribution to society, a phrase which sounds trite but is fundamental. Connect the dots between individual roles and the goals of the organization. When people see that connection, they get a lot of energy out of work. They feel the importance, dignity, and meaning in their job.

Our Work

Until I came to FABCO, I probably would have told you that culture was just one among several important elements in any organization's makeup and success — along with vision, strategy, marketing, financials, and the like... I have come to see, in my time at FABCO, that culture isn't just one aspect of the game, it is the game. In the end, an organization is nothing more than the collective capacity of its people to create value.

Design



Any Size



Innovation



Our Engineering department is ready to help you with design and engineering. Using advanced tools including our FARO Tracker and Edge Arm, Pro Engineer, Autodesk products, Simulate (FE Analysis), and other software tools we can help with reverse engineering and provide 3D models, design drawings, and CNC programs of obsolete and hard to source parts, equipment, and specialty machines. FABCO adds value and helps our customers refine part designs and associated manufacturing processes to remove as much cost as possible from the overall project.

Fabco is possibly best known for the size of the work we do. Early on in our 25 years of serving industry it became apparent that this area needed a facility to produce large fabrication and deal with the heavy but still precise machining associated with such parts and systems. To this goal we have made every effort to assemble a qualified team and build a facility and the infrastructure to support this work that is unequalled in this region. Constantly aware of the needs of our customers, we strive to install capacity to allow them access to local tools to meet these needs.

While we have built our reputation on high quality machining and fabrication of specialty parts in unique applications, we do so much more here at FABCO. We have highly skilled and dedicated employees that take pride in solving our customers needs whether it be a specialty part or an automated machine to improve productivity in their business. FABCO provides our customers complete project service and management, handling all of the machining work as well as coordinating any required secondary processes, such as nitriding or heat treating.

Service and Maintenance



In our quest to be the best value provider to our customers we strive to add value to every interaction. Often our customers do not realize all the services we provide them. Many things we do are not line items on a quote or contract, they just need to be done so the customer can reap the maximum benefit of our partnership.

FABCO has several portable machines in our arsenal to support machining at your facility. At right is one of two portable mills. These were specially designed to recondition existing roll centers that have been worn and damaged over time thus restoring the accuracy of the centers up to 24" diameter. They can be used for placing new center holes as well as other end operations.



Below (right) is our climax lathe that will turn the end of shafts up to 11.25" and 22" long. Also in our arsenal is a completely outfitted Climax line boring/welding machine. We also have a 12' portable mill and three portable key mills as well as much more on-site equipment including all manner of welding capabilities.



As one of the few providers of Meta-Lax® vibratory stress relief in Arkansas, FABCO is your best choice for stress relief for precision metal parts. Our welding technicians are AWS-certified and have years of experience with machining stress relief on complicated and large parts. We use Meta-Lax® for post-welding stress relief because it offers the combination of value, efficiency and innovation our clients desire.



**Invest Now for The Long Haul,
We can Deliver!**



FABCO

Machine & Engineering

What you'll GET as Bonus?

Excellence

Inovation

Honesty

Integrity

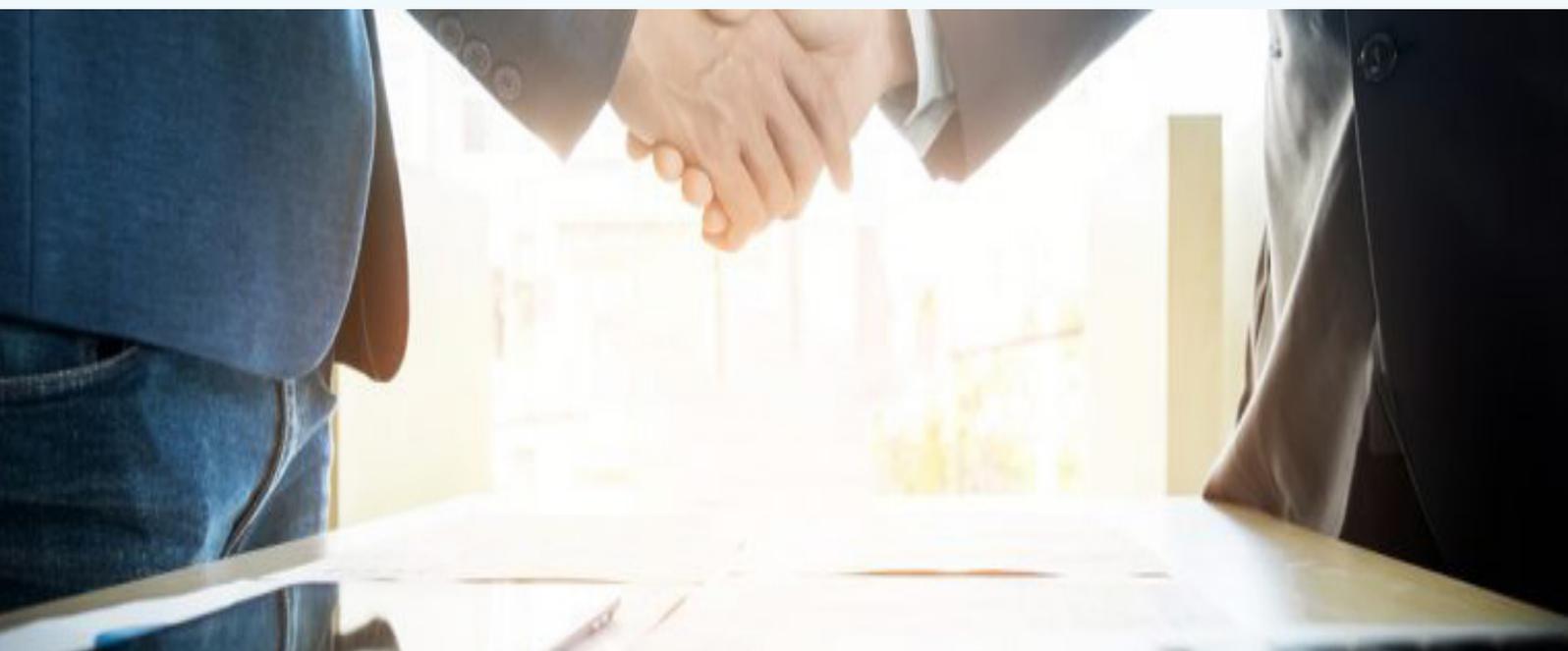
Quality

Reliability

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Our Core Values: Excellence and Innovation in all we do, Honesty, Integrity and Teamwork are shared across the organization.

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Customer service and support are paramount to FABCO. Our customers have learned they can depend on us for improvement suggestions and engineering support in changes they need to make to their industrial product needs a reality. Our designers provide CAD/CAM expertise and furnish drawing updates as needed.

The 3-Step Process...



Quality. The products we supply are of high quality and have attributes that enable customers to efficiently carry out their business functions.

Delivery. We provide on-time delivery of purchased products and fast turn-around of emergency repairs, thereby reducing customer downtime and the associated costs.



Capabilities. We have developed a strong reputation for dependable quality and delivery across our customer base while providing any equipment or tooling requested.

Our Clients



FABCO Machine Company has been doing precision work for Nucor Yamato Steel because their shop has machinery that can do any job that we need. Their passion, skills, and competitive prices allow jobs to be manufactured professionally and timely as required. They do a large amount of work for our steel mill that employs close to 1,000 people and produces around 2 million tons of structural steel yearly. If you look at their job site, I am sure you will be impressed with the machines in their shop. Mr. Bob Clark is the owner, and I, personally, believe he is a man of strong integrity and takes ownership of every job that comes from his shop. I would encourage and recommend FABCO as an extension to any commercial facility. Ed Cable

Recently the Fabco team exceeded my expectations delivering a very large machine part integral to the facility's production. At my last employer I had used Fabco for 15 years primarily for small die work and progressively larger jobs as their capacity increased. So when a large spindle for a machine failed, I knew who to call. Joe Spinks



Biggest machine shop that I have ever been in. All I can say is AWESOME!!!!
Dewayne Blaylock Phelps Fan

The Mission of FABCO Machine & Engineering is to continue full-filling our customer needs with trouble-free, superior quality, machined and fabricated products and services. Many of our customers appreciate our ability to provide products that are unique, rare and valuable. These products and services in turn enable our customers to enhance their processes. Close customer relationship has always been a cornerstone of our way of doing business, relationships that hinge on trust and a handshake.

We full-fill our mission on-time, by using progressive technology, and always improving our processes. Our pursuit of excellence is driven by the principles of our Quality Management System.

Our Core Values: Excellence and Innovation in all we do, Honesty, Integrity and Teamwork are shared across the organization.

Capacities

In short: Turning and Grinding to 15 feet diameter, Milling to 10 feet x 20 feet

- **2 5'x10 4000Watt Mazak Lasers**
- **FARO Laser Tracker and FARO Arm**
- **Pro Engineer CAD/CAM**
- **Autocad CAD with Mechanical, Electrical, Architecture, and Plant 3D**
- **Autocad Inventor CAD/CAM with NASTRAM FEA, and FACTORY Design**
- **RADAN Sheet Metal CAD/CAM with RADBEND**
- **Key Creator CAD/CAM**
- **Amada 250Ton 12 foot CNC Press Brake**
- **16 x 43 Messer Oxy/HiDef Beveling plasma table**
- **Omax 10 ft x 20ft Five Axis Waterjet Machining Center**
- **3 MAZAK Five Side Versatechs up to X24', Y10', Z8' workpieces ***
- **2 Horizontal Boring Mills up to X120", Y92", Z36", W77" with 72" x 78"**
- **5 MAZAK Horizontal Machining Center up to X78", Y62", Z48"**
- **13 VMCs up to X160", Y63", Z+W60"**
- **2 CNC Roll Turning Lathes 68" x 18'**
- **4 MAZAK A-10/12/16 Megaturn VTLs with live milling 57"/64"/82 Swing**
- **6 MAZAK Integrex's up to 42" max diameter x 236"C/C CAT 50 Milling**
- **3 Two Axis CNC lathes, one with bar feed**
- **3 CNC Vertical Boring Mills up to 186" Swing 72" Turn Height**
- **Rotary Grinding (Blanchard/Mattison) up to 186" diameter (96" chuck)**
- **Surface Grinding to 30" x 96"**
- **Rockford Slotter w/42" stroke and 84" swing**
- **3 Hyde-Mech Fully Automatic Bandsaws up to 16" x 25"**
- **Multiple welding machine of all processes**
- **2 Welding Positioners up to 90,000lbs, Welding Manipulator, Welding Robot**
- **88,000lb Tank Turning Rolls**
- **Climax Portable Line Boring Machine with Automatic Bore Welding**
- **Wire and Sinker EDM**
- **1" x 18' Plate Roll**
- **1/2" x 12' Shear & 150 ton x 12' Press Break**
- **595 Ton Hydraulic Press**

Culture of Continual Improvement

FABCO Machine & Engineering has provided NE Arkansas with the highest quality manufacturing, fabrication and machining services since 1994. We continue to grow thanks to our customers' support and the demands of an ever-changing manufacturing world. Now with over 80,000 square feet of manufacturing floor space and multiple high bays, we have the capacity for most any project. We continue to upgrade equipment, as well as the skills of our machinists and fabricators. Special emphasis is currently focusing on developing the areas largest and heaviest fabrication facility.

Turning work up to 82" diameter can be completed on one of our 4 Mazak Meg-aturns in one setup including all holes and milling operations. With vertical and horizontal milling heads coupled with full C-axis, our Meg-aturns can greatly reduce lead times on complicated and heavy mill/turn jobs. 3 MAZAK Five Side twin pallet machining centers allow us to process large work pieces up to 240" x 100" x 60" with a single set-up, ensuring more precise work in heavy machining, which will allow us to handle the big complicated stuff fast. This "done in one" approach allows precision that can not be achieved in multiple setups.

New Capabilities...



Amada's HG2204 CNC Press Brake is an ultra-high precision, bending solution providing us with the ultimate in bending control and accuracy. Six axis backgauge allows the most complicated parts to be processed. Not only can parts be bent to any angle but through step bending almost any radius can be produced. Once part programs are developed to produce the desired part the CNC control can repeat the operation exactly. The operator does however have to make adjustments and allowances for material lot variations. Programs can be taught directly, programmed at the control, or thru our RADAN CAM package. Bend indicators can be programmed in many circumstances to come in under program control and measure and adjust angle.



While FABCO has always lead the field in multitasking machine tools in this area, the addition of our Mazal Integrex E650 takes this to the next level. It has a 10" hole thru the spindle and a 3 bar long boring bar stocker which allows it to load 40" long boring bars directly to the ram for maximum rigidity. In addition to the big bore option this machine also has the 42.5" swing option. While at 4 meters it is not our longest Integrex, it is the most capable. The Y axis has 26" of travel and the B axis is continuous contouring, capable of hobbing. Completing all operations in a single setup – turning, milling, boring, drilling and more with Mazak's DONE IN ONE capability. The machine delivers precision and performance for heavy, large-diameter, shaft-type workpieces for a

FABCO Machine and Engineering is a resourceful, well-managed company that accepts only the finest work from our highly trained, skilled machinists and fabricators. Our customers appreciate our personalized service, comprehensive equipment inventory, and reverse engineering capabilities. We've earned their business and now we want to earn yours!

But, Do you know??

FABCO started business in 1994, located in Paragould Arkansas as FABCO Machining Services with two employees and 3700 square feet of manufacturing space. Over the years FABCO has established itself as a provider of products that customers can depend on for excellence in manufacturing and 100% on-time delivery.

Incorporated in 1996, the company has grown consistently over the years, even in times of down economy as customers seek quality providers for industrial products that are unique, rare and valuable.

Today the dedicated employees of FABCO Machine and Engineering provide the highest quality, engineering, manufacturing, heavy machining and fabrication services. FABCO's management team has assembled a strong, diversified staff

consisting of engineers, designers, maintenance technicians, machinists, and fabricators. FABCO's fabrication and heavy machining facility has over 84,000 square feet of manufacturing floor space, a wide range of CNC machine tools, heavy lathe and horizontal boring, milling & grinding machines and multiple high bays to support a wide variety of projects. FABCO uses Pro Engineer, Fusion 360, Autocad, Autocad Inventor, RADAN, CadKey Key Creator and state of the art OMAX CAD/CAM software to support initial design as well

as generate CNC programs in 3D models developed in-house or directly from customer models.

Our Management Principles: Customer focus, Leadership, Involvement of people, Process approach, System approach to Management, Continual improvement, Factual approach to decision making and Mutually beneficial supplier relationships enable us to reach our goals.



Their passion, skills, and competitive prices allow jobs to be manufactured professionally and timely as required. Ed Cable



Would you like to join us for lunch?

One of our favorite things to do here is give tours, and eat. So whether you are a current customer or a potential customer please feel free to schedule a time to come for a visit, and make it around lunch time! We have found that there is no substitute for a personal on site tour of our facilities to allow customers to see all the ways we can assist them in reaching your goals.



Thank You!

We thank you for considering FABCO Machine & Engineering. We realize you have many companies striving for your business. In addition to our capacities and capabilities we hope to differentiate ourselves from the rest of the field by offering you a partnership in productivity and peace of mind. We expect to go above and beyond to earn your business and are truly grateful for your appreciation of this fact.



MADE IN THE USA



FABCO Machine & Engineering

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