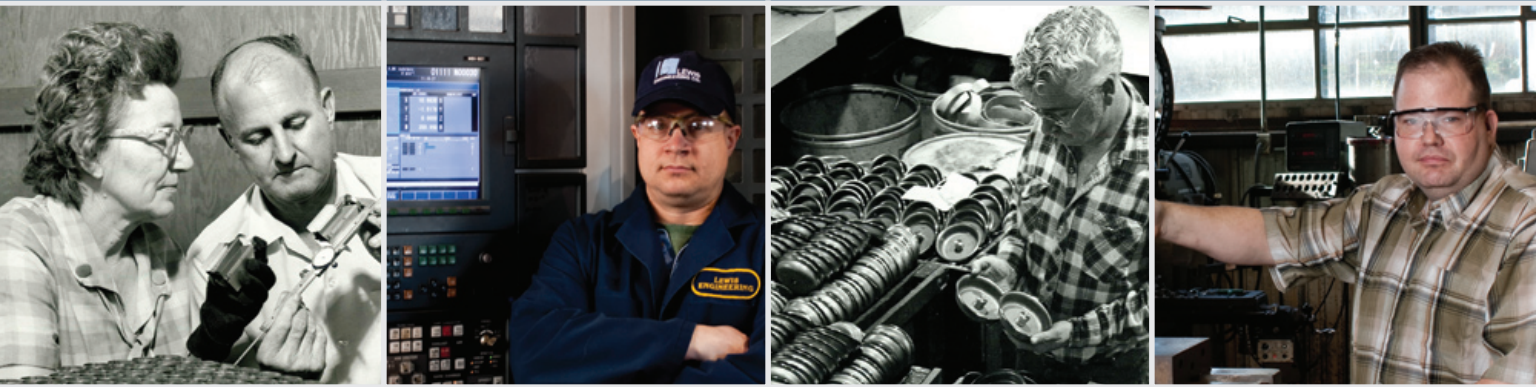


# Service of Yesterday. Technology of Tomorrow.



Lewis Engineering Co.

*Precision metal fabrication since 1961.*



# A company rooted in service. A history engineered in experience.

In 1961, a father and son shared the vision and passion to build a company that could manufacture critical components customers needed for their own operations. Clayton and Roger Lewis started Lewis Engineering with a contract to repair Army jeeps during the Vietnam War. Since inception, the company has grown into a full service metal machining and stamping source with long-standing clients. Today, Steve and Doug Lewis, Clayton's grandson and great-grandson, keep their ancestors' dream a reality.

In the 21st century, LEC machines a variety of munitions and components for the defense, oil and gas, aerospace, and automotive industries.

On the left: Co-founders, Roger Lewis and Clayton Lewis, circa 1961



# Quality through forty years and four generations.

Quality manufacturing relies on technology, experience, service, and timely delivery. Lewis Engineering has a full-service quality control lab equipped with a coordinate measuring machine, optical comparitor, and custom-made gauges designed for your specific project. Inspectors and operators follow the guidelines of ISO-9000. Job travelers and inspection sheets can be found at each operation. To ensure quality, LEC employs roving inspectors who move from operation to operation inspecting every part being machined .

Lewis Engineering has built a name for delivering quality products on time and on budget to our clients. We built our name the same way we build our products: with care and precision.





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LEWIS ENGINEERING

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1-17  
2-16  
3-07  
4-08

RIGHT SIDE  
LAMP COVER

CAUTION

WARNING

CHUCK CLAMP SYSTEM

# Ahead by technological innovation. Always in step with you.

Lewis Engineering has come a long way from manual and NC tape machines. Today, management spares no expense in purchasing cutting-edge CNC equipment. We have never settled for a low-price alternative or outdated technology. We go the extra mile by stocking and servicing:

- machines that can handle four-axis projects
- multi-task machines that mill and turn your component at the same time
- fast mills with automatic pallet changers that never stop running
- lathes with bar feeds that are constantly keeping the machine fed

Our managers tour the facilities of machine tool manufacturers to find the best machines and hand pick each one to fill our shop floor. The technological advances we make translates into better service and higher quality for you.



# Machining

## Manufacturing for custom components

Our dedication to providing a quality product at a competitive price is visible in our CNC turning and machining centers, as well as our automatic index machines.

### CNC TURNING:

Cutting edge equipment pays off in the long run. Our CNC lathes are equipped with live tooling, 4 axis, bar feeds, tail stocks, and parts catchers. More parts leave our door faster and are of higher quality.

### CNC MILLING:

Close tolerances and high volume are no problem for the milling department. We use automatic pallet changers, allowing continuous machining during loading and unloading. We can build tailor-made fixtures for you.

### INDEX MACHINING:

Lewis Engineering offers index machining as a less expensive alternative to CNC machining. We have four index screw machines that have up to 2,000 rpm, 2 1/16" bar capacity, and 8 turret positions. We also have the ability to make our own custom cams for your project.



MAZATROL 640T NEXUS



LEWIS  
ENGINEERING





**WARNING**

LEWIS  
ENGINEERING CO.

LEWIS  
ENGINEERING

# Stamping

## High Volume and Close Tolerance

Lewis Engineering is equipped with a full line of presses and press brakes ranging from 5- to 300-ton capacity, and most presses can handle compound die work.

### STAMPING:

We have extensive experience in stamping metal shapes using complicated dies. Our engineers analyze customers' drawings, decide what tonnage is required and procure dies made to produce the part. Our stamping department specializes in high volume projects.

### TOOL & DIE:

We can service and design simple dies. For complicated stampings, Lewis Engineering teams with specialized companies that have expertise in designing dies, ensuring the part is correctly stamped and virtually no material goes to waste.



# Specialty Operations

## Solutions for all your needs

Lewis Engineering strives to be your one-stop manufacturing source. We can handle everything for you, from purchasing the metal, to assembly, and even plating.

### **ASSEMBLY:**

If your machined component is part of an assembly, we can provide you with assembly services. We will take the part we machined and mate it with other parts. Our custom-made drills, assembly lines, and glue applicators are ready to assemble your project.

### **TUBE CUTTING:**

Lewis Engineering owns a Vulcan Automatic Tube Cutter, which is lightning fast and very precise in thin wall applications. The Vulcan cuts up to 6,000 parts per hour and has zero kerf loss between cuts, saving you in material costs.

### **TUMBLING:**

Ultra smooth finishes on your machined or stamped component can be done in a few hours in our Roto-Finish tumbler. Lewis Engineering has smooth and rough-media custom made for your application, including liquids to prevent rust.











# Our experience means your success. Let us manufacture your next project.

Lewis Engineering is ready to handle your manufacturing projects. Our staff is composed of experienced and trained managers, engineers, and machine operators who contribute to the success of each project. We strive to provide the highest quality machined part at the lower price, always on time.

Each photograph in this brochure features actual Lewis Engineering employees and machines. The older photographs date back almost 50 years.

Our company retains its small-town roots and traditions of service and hard work. Still located in East Texas, we are 35 miles west of Shreveport, Louisiana, and 150 miles east of Dallas, Texas.





LEARN MORE ABOUT US ONLINE:

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