

High Quality Around-the-Clock-Production On Time

Davis Tool continually expands its state-of-the-art technologies and equipment. This provides flexibility for customer requirements, while maintaining low cost and on-time deliveries with unmatched quality.

At Davis Tool, total customer satisfaction is our number one priority and the key to our success.

Industries we service include:

- Hi-Tech
- Aerospace
- Transportation
- Medical
- Government
- Military
- Consumer Products
- Power Generation
- Green Energy
- Oil and Gas
- Construction
- Agricultural



Providing services for North America

Davis Tool is a highly diversified company dedicated to providing complete manufacturing solutions. We are ready to help you with your production needs.

Davis Tool is more than just machining and sheet metal. We are your complete custom manufacturing solution.



DAVIS TOOL INC.

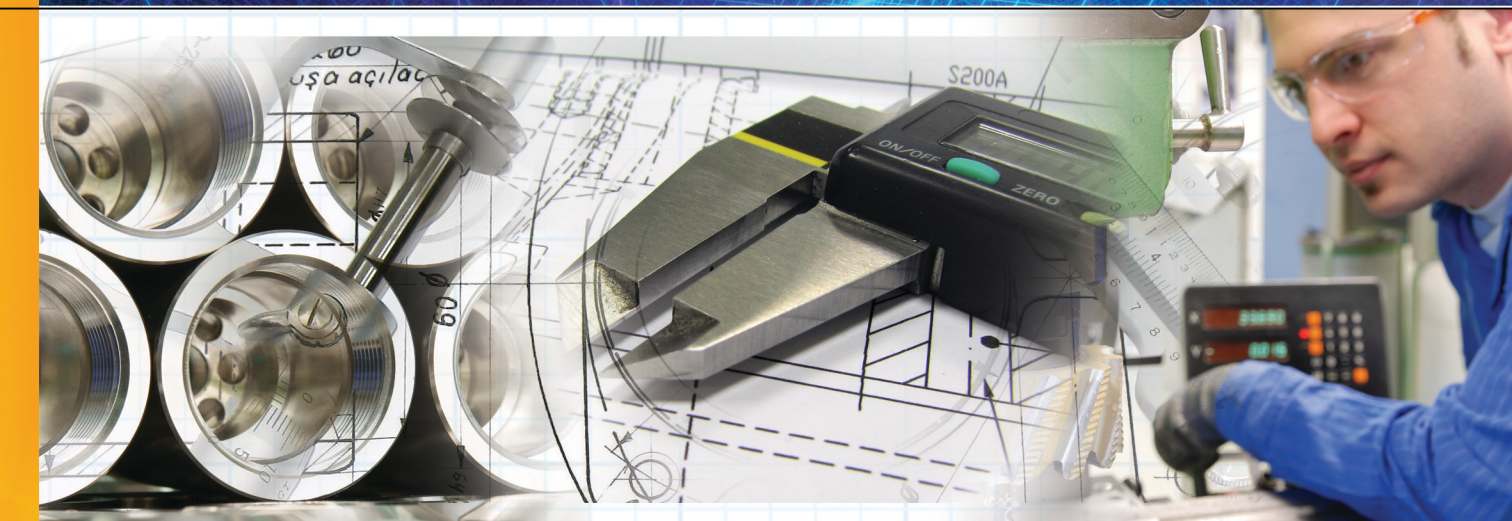
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Design, Manufacture, Assemble & Finish

DAVIS
TOOL INC.

We are the complete solution

DAVIS
TOOL INC.

Davis Tool Inc is a leading producer of precision-machined parts, sheet metal parts, and assemblies. Since our founding in 1980, we have been committed to complete customer satisfaction. Davis Tool occupies over 200,000 square feet of production space and works 24 hours a day to meet our customers' needs.

Davis Tool is focused on providing complete manufacturing solutions for our customers. Our strategy is to continually add processes and services which complement our core machining and sheet metal capabilities.



At Davis Tool we provide around the clock production on your project.

Prototyping

Experience and technical expertise are just as important as having the right equipment. According to your specific design requirements, a staff of trained professionals at Davis Tool are ready to assist in a wide range of projects.

Machining

Davis Tool offers a complete range of CNC Machine Programming and CAD services. We use Siemens NX (Unigraphics), Solidworks, ProEngineer, Mastercam, and others, to interface with a wide variety of design formats. Our experience with 2 through 5 axis programming and machining improves time and quality on a wide variety of machined parts. We regularly work with many materials, including aluminum, stainless steel, titanium, steel, graphite, Kovar and Inconel.

Machining Cells

Three high speed cells and one high torque hard metal cell, all with multi-pallet shuttle systems, tool magazine capacities up to 313 per machine and work envelopes up to 53" x 41" x 41", make manufacturing your product more efficient.

Mill

Our highly flexible CNC mills produce accurate, high-quality results. We have 5-axis capability up to 60" cube, 3 and 4 axis capability up to 80" of machine travel. We have a wide variety of equipment to use for milling applications.

Turning

Our turning centers produce quality parts sized .01" through 28" in diameter, with accuracy to .0002". Our 2 axis lathes through 7 axis dual spindle mill/turn centers, most with hydrodynamic barfeeds, can fulfill your turning requirements.

EDM

Davis Tool uses both wire and sinker type EDM (Electrical Discharge Machining) equipment to create features which cannot be conventionally machined into a part. Davis Tool has customized several machines for specialized applications. This area is NADCAP certified.

Sheet Metal Fabrication

Davis Tool is your source for precision sheet metal work. Most of our products are punched or laser cut, then finished through a series of support operations.

Laser Cutting

Davis Tool uses two high-speed laser cutting machines. These machines cut almost any material between 0.005" and 1.0" thick, and routinely hold location tolerances of 0.003".

Turret Punch

Davis Tool also employs two high-speed CNC turret punches, both with rams capable of complex forming operations.

Press Brake

Davis Tool uses electric and hydraulic press brakes to maximize efficiency and accuracy. The electric press brakes allow us the process control needed to form a complex part in a single handling.

Welding

Davis Tool has MIG and TIG welding capability which allows us to quickly produce precision welded frames and components.

Assembly

Davis Tool provides a wide range of turn-key assembly services to provide you with a quality product. Manufactured products range from simple items to the full design and manufacture of a custom end product. Davis Tool is your source for a complete range of services to complete your project.

Davis Tool's "one-stop," in-house capabilities allow us to offer a variety of manufacturing and assembly solutions:

- Electrical
- Mechanical
- Pneumatic
- Ultra-sonic Welding
- Hardware
- Bushings
- Bearings
- Hydraulics

Finishing

Plating & Finishing



Davis Tool's finishing department is the complete solution when you need plating or chemical finishing for small to medium-sized parts. All processes are RoHS compliant.

- passivation
- zinc phosphate
- chromate conversion coatings
- sulfuric acid anodizing
- hard coat anodizing

Painting & Powder Coating

Our on-site painting facilities make it easy for your project to be painted quickly and efficiently. In addition to powder coating, Davis Tool also offers a full complement of traditional painting options that may be suited to your needs.

Engineering Services

Our experienced engineering allow Davis Tool to offer a full range of engineering services. These include custom product and machine design, tooling and fixture design, and detailed drafting services.

Davis Tool engineering works closely with in-house experts in disciplines such as sheet metal, CNC machining, EDM, and finishing. This collaboration of specialists allows seamless transition from design through manufacturing, efficiently, and cost effectively.



At Davis Tool we know that success is a direct result of quality products provided on time to our customers.

List of Services

- Prototyping
- High Speed Machining
- Sheet Metal Fabrication
- Assembly
- Engineering Services
- Laser Cutting
- Punching
- Forming
- Shearing
- Welding
- EDM
- CMM Inspection
- Milling
- Lathe Turning
- Painting
- Powder Coating
- Electronic Assembly
- Kitting
- Hardware Insertion
- Chemical Finishing
- Silk Screen
- Deburring
- Honing
- Warehousing

