



PRECISION MACHINING FOR AEROSPACE

BRENNAN MANUFACTURING GROUP

Since 1953, Brennan has provided customers throughout the world with the highest quality critical flow components including over 50,000 different types of hydraulic, pneumatic and instrumentation fittings, adapters, and accessories. Now, that manufacturing expertise is available to you.

We believe in the artistry of precision machining. Our forte is creating intricate parts from nickel based high temperature alloys - materials traditionally known as challenging to machine - but we regularly work with a variety of metals: Hastelloy, Inconel, Titanium, 300 Series SS, 400 Series SS, 17-4 PH, Brass and Aluminum.

Our components rise to the standard of industries demanding quality and precision, such as aerospace, automotive, and industrial gas turbine applications; a standard we apply to any industry. We employ 20 Fanuc controlled CNC machining centers, high-speed mills and multi-axis, multi-spindle turning machines. Our state-of-the-art equipment consistently achieves the highest level of precision, whether starting from forgings, castings, bar, plate, or tubing up to 18" diameter, with tolerances as tight as $\pm .0001$ ". We engineer extraordinary results for all our customers, every single day. That is our kind of art.

Along with precision machining, we offer welding, plating, powder coating, brazing, EDM, NDT, flow testing and prototyping services like Solidworks 3D Modeling and Gibbscam, giving customers the convenience and efficiency of a sole trusted source. All of these services are backed by Brennan's commitment to quality, and AS9100-Rev D, ISO 9001 and NADCAP, ITAR/DDTC accreditations.

Brennan's team of skilled artisans, engineers and project managers are about more than form following function. They continually improve our processes, analyzing the flow of the manufacturing environment, enhancing the experience for our industry partners. We are confident we can support your business needs, and are well positioned to provide you solutions.

CERTIFICATIONS

ISO 9001:2015
NADCAP

AS9100D
ITAR/EAR



CONTACT US FOR MORE INFORMATION

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OUR MANUFACTURING EQUIPMENT

11 BROWN & SHARPE SINGLE SPINDLE AUTOMATIC SCREW MACHINES

1	1/2" RD capacity
2	3/4" RD capacity
4	1-1/4" RD capacity
3	1-5/8" RD capacity
1	2-3/8" RD capacity

8 ACME GRIDLEY SIX SPINDLE AUTOMATIC SCREW MACHINES

3	1-11/16" RD capacity
3	1-1/8" RD capacity

23 FANUC CONTROLLED CNC MACHINES

2	Feeler vertical mills with 20x40 tables
4	Doosan 7-Axis twin-turret twin-spindle bar feed automatic lathes
2	Doosan 6-Axis single-turret twin-spindle bar feed automatic lathes
3	Hyundai WIA robotic feed automatic single-spindle lathes
2	Miyano 5-Axis single-turret twin-spindle 12 foot bar feed automatic lathes
3	Single-spindle bar fed automatic lathes
3	8" 2-Jaw chucking CNC lathes
1	8" 3-Jaw chucking lathes
2	10" 2-Jaw chucking lathes
1	2 7/16" Capacity Chucking Lathe

2 CNC AUTOMATED BAND SAWS WITH 10" SQUARE CAPACITY

MANUFACTURING FACILITY

39,200 total square feet
3,200 square feet of offices
36,000 square feet of manufacturing

ENGINEERING

Solidworks 3D modeling
Gibbscam production software

QUALITY ASSURANCE EQUIPMENT

Assorted ring, plug, pin pages
2 Mitutoyo 10x optical comparator
Material Hardness Tester
Keyence image dimension instant measuring comparator

MATERIAL HANDLING EQUIPMENT

3.5 ton capacity overhead gantry crane
2,800 lb capacity Toyota Material Handling lift truck
6,300 lb capacity Toyota Material Handling lift truck

WASH AND ASSEMBLE EQUIPMENT

2 ton hydraulic assembly press
Hydraulic computer controlled nut crimping machine
Automated conveyer part wash system

PROUDLY CERTIFIED:

