



CAMPBELL ENGINEERING INC

20412 Barents Sea Circle
Lake Forest CA 92630
(949) 859-3306
www.campbellcnc.com

CAPABILITIES

INTRODUCTION:

~ We are a leading CNC Machine Shop specializing in precision machining services. With a strong focus on quality and customer satisfaction, our company is proud to hold AS9100D and ISO 9001:2015 certifications, ensuring the highest standards of excellence in our operations. As an ITAR registered and SAM registered (UI/Cage Code) entity, we are fully equipped to handle sensitive projects with utmost confidentiality and security. Our commitment to maintaining a controlled quality system and a climate-controlled production area demonstrates our dedication to delivering superior products and services.

CORE CAPABILITIES:

- **Precision Machining:** We excel in providing precision machining services using state-of-the-art equipment and cutting-edge technology. Our expertise lies in multi-axis milling and turning, EDM wire, laser marking and assembly & kitting.
- **Advanced Measurement Systems:** We utilize advanced Global S CMM and Optiv Measuring Systems to ensure accurate and precise measurements throughout the manufacturing process.
- **Comprehensive Machine Shop:** Our facility is equipped with a wide range of vertical and horizontal machines, including bar feeder and live tooling, and a pallet system for efficient production. This enables us to handle projects from prototypes to production with ease.
- **Industry Expertise:** We offer our services to a diverse range of industries, including medical, dental, optical, aerospace, defense, space, avionics, water treatment, energy, oil & gas, mechanical, and sensors. Our team has the knowledge and experience to meet the unique requirements of each industry.
- **Lean manufacturing** focused methodologies to maximize productivity.

OUR MACHINES:

- 1 Makino PS95 Vertical
 - 36.2" x 20" x 18.1" (X,Y,Z)
 - Midaco Pallet Changer (2 Pallets)
- 1 Makino a51 Horizontal 400mm
 - 22" x 25.2 x 15.7" (X, Y, Z)
 - KME 5 axis 3+2 tombstones with 4 platters
 - 60 Tool Changer
- 1 Makino a51NX Horizontal 400mm
 - 22" x 25.2 x 25.2" (X, Y, Z)
 - KME 5 axis 3+2 tombstones with 4 platters
 - 133 Tool Changer
- 1 Haas VF-3 Vertical
 - 40" x 20" x 25" (X,Y,Z,)
 - 4th Axis Indexer (Haas HRT210)
- 1 Haas VF-3YTSS Vertical
 - 40" x 26" x 25" (X,Y,Z)
 - 2 Head 5C Indexer (Haas HA5C2)
- 1 Haas VF-2 Vertical
 - 30" x 16" x 20" (X,Y,Z)
- 1 Haas VF-2SS Vertical
 - 30" x 16" x 20" (X,Y,Z)
- 2 Haas DM-2 Vertical
 - 28" x 16" x 15.5" (X,Y,Z)
 - 5th Axis TRT160 (6.3" Platter Diameter)
- 1 Haas VF-4SS Vertical
 - 50" x 20" x 25" (X,Y,Z)
 - 5th Axis TRT210 (9.1" Platter Diameter)
- 1 Haas VF-4 Vertical
 - 50" x 20" x 25" (X,Y,Z)
 - 4th Axis Indexer (Haas HRC210)
- 2 Haas VF-2SS Vertical
 - 30" x 16" x 20" (X,Y,Z)
 - 5th Axis TRT160 (6.3" Platter Diameter)
- 1 Okuma L300-MY Lathe
 - 9" x 2" x 17.2" (X,Y,Z)
 - 11.8" Max Turn Diameter
 - Y Axis Capabilities
 - 4' ATS Bar Feeder
 - Live Tooling
- 1 Hwacheon HI-TECH 200A Lathe
 - 7.7" x 15.7" (X,Z)
 - 13.7 Max Turn Diameter
- 1 Makino U6 HEAT Wire EDM
 - 25.5" x 17.7" x 16.5" x 2.95" (X,Y,Z,U/V)

ADDITIONAL SERVICES:

- **Surface Treatments:** In addition to machining, we provide various surface treatments such as plating, anodizing, chem film, anneal, and serialization, ensuring the highest quality finishes for your products.
- **Design Review Assistance:** Our team is skilled in providing design review services, offering over 65 years of valuable insights to optimize manufacturability and enhance the efficiency of the production process.

COMPANY DETAILS:

- **Small Business Certification:** We are a self-certified small business, which allows us to offer competitive pricing and personalized service to our customers.
- **Operating Hours:** With two full-time shifts from 5:30 AM to 9:30 PM, we ensure flexibility and responsiveness to meet project timelines efficiently.
- **Modern Equipment:** Our facility boasts 18 machines, with 80% of them less than 10 years old, enabling us to leverage the latest technology and maintain high productivity levels.
- **Owned Building:** We operate out of an 11,400 sq. ft. owned building, providing a stable foundation for our operations.
- **Pro Shop ERP Software:** We utilize a Pro Shop ERP software system that offers comprehensive traceability, allowing us to track and document every step of the manufacturing process.
- **Performance Metrics:** Our commitment to excellence is reflected in our impressive performance metrics, including a 94% on-time delivery (OTD) rate and a 96% customer satisfaction rate.
- **Long Term Employees:** Most of our employees have been with the company 10+ years and some over 20. We offer an extensive benefit package and go beyond the normal when it comes to our staff. Currently staffing 34 employees.
- **Monthly Safety Meetings:** Our company not only follows the OSHA regulations, we abide by them two-fold. We hold monthly safety meetings with a free luncheon catered as we review important guidelines of safety.

MEMBERSHIPS:

- American Society for Quality (ASQ)
- ANSI National Accreditation Board (ANAB)
- National Tooling and Machining Association (NTMA)
- Optical Society of Southern California (OSSC)

Conclusion: With our advanced capabilities, industry expertise, and commitment to quality, our CNC Machine Shop is well-positioned to serve your precision machining needs. We pride ourselves on delivering exceptional results, meeting project deadlines, and providing unparalleled customer satisfaction. ***Contact us today to discuss how we can support your manufacturing requirements.***