

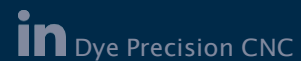


## DYE PRECISION CNC, INC.

CONTACT@DYECNC.COM  
P: 858-444-2222 ext. 101

10637 Scripps Summit Ct.  
San Diego, CA 92131

WWW.DYECNC.COM



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# PRECISION MILLING & TURNING



**ONE OF THE LARGEST AND MOST  
QUALIFIED MACHINE SHOPS IN  
SOUTHERN CALIFORNIA.**

Dye CNC (an AS9100, ISO and ITAR Certified Company) is a premier machine shop in San Diego, California with over two decades of machining experience for the defense, aerospace, automotive, aviation, medical, electronic, and general high technology industries.

\*CMMC LVL 3 compliance by Q2 2022

**Dye Precision CNC, Inc.**  
Since 1994

**Location**  
San Diego, California

**Countries Served**  
Global

**Building Size**  
36,000 Sq. Ft.



**ITAR-Registered**



## DYE PRECISION CNC MISSION STATEMENT

- To create an advanced machine shop that services the Aerospace, Military, Defense, Medical, Electronic, Automotive and Technology driven industries.
- To provide our customers with a complete array of services including part manufacturing, engineering, fabrication, consulting, LEAN method processes, procurement, outside process control, added value solutions & vertical project management.
- To provide a full complement of CNC manufacturing methods with advanced state of the art equipment in 5th Axis milling and turning technology, as well as additional ancillary equipment support.
- To be a successful resource for all our customer's project needs, providing them quality, on time delivery, cost competitiveness and partnership reliability support.

## DYE PRECISION CNC'S FOUNDATION FOR SUCCESS

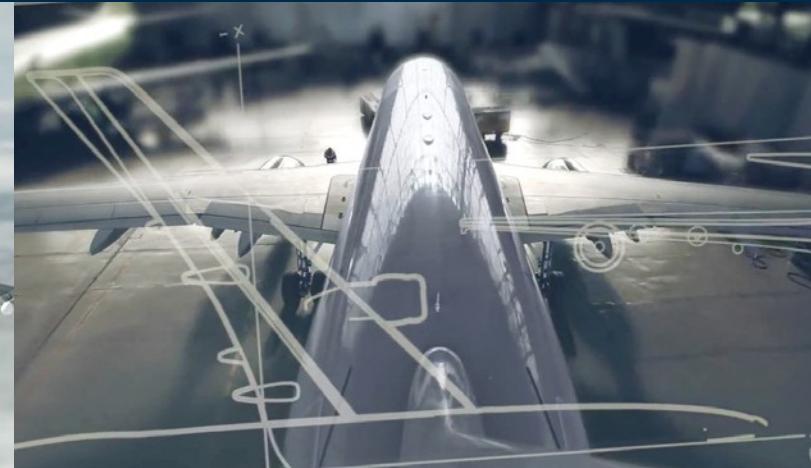
- Dye Precision CNC strives to be the solution for our customers in the Aerospace & Defense machine parts industry. Our strength is our dedicated staff and our continued commitment to excellence by servicing our customers in a partnership like relationship.
- Quality, on time delivery, dependability, competitive pricing, and customer service are the keys to supporting our customers, which in turn supports their success. Working together as one, Dye CNC succeeds when our customers succeed.
- Lean technology methods, machine diversification, advanced 5th axis equipment and cutting-edge software systems are the backbone of our competitive advantage.
- Dye CNC employs a forward-looking philosophy, always striving for perfection and building a reputation our customers can depend on. Our mission is to be recognized as the premier Aerospace & Defense CNC parts manufacturer in the United States.

**A CONTINUOUS COMMITMENT TO EXCELLENCE**

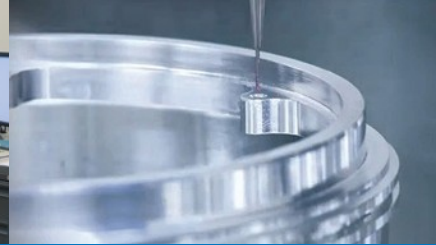


# INDUSTRIES WE SERVE

*Aerospace, Military, Defense, Medical, Electronic, Automotive and Technology driven industries.*







# QUALITY CONTROL

*In the CNC business, you're only as good as your quality systems. We keep a sharp eye on every step of the CNC workflow. At DYE, quality control is the most important part of our process.*

## MATERIALS

### Commonly Used

Titanium  
Stainless Steel  
Copper  
Beryllium Copper  
Covar  
Waspaloy  
Delrin  
Teflon  
Inconel  
Hastelloy  
Low Carbon Steel  
Medium Carbon Steel  
Cast Iron  
Nylon

Peek Plastic  
Aluminum  
Aluminum Bronze  
Tool Steel  
Macor  
PVC  
And More...



*Dye CNC employees take great pride with the work we do for the U.S. Military, helping keep our troops safe on the ground, on the sea and in the air.*

## INSPECTION EQUIPMENT

Global S 9.12.8 CMM  
Brown & Sharpe 9.12.8 CMM  
Hexagon 4.5.4 Shop Floor Portable CMM  
Mitutoyo Automated Vision System  
Mitutoyo Optical Comparator  
Standridge Granite Surface (5' X 10' X 8")  
Precision Granite Surface (4' X 4' X 6")  
Tesa Tech Digital Precision Height Gauge  
Multiple Pin Gauges  
Calipers  
Height Gauges  
Micrometers  
Multiple Pin Gauges  
(5) Surface Plates  
Tesa Height System

## SOFTWARE

JobBOSS 2021 (ERP)  
MasterCam 22  
SolidWorks  
Open Mind hyperMILL  
PC-DMIS 2021







QUALITY

INNOVATION

EXPERIENCE

SUPPORT

RELIABILITY



Hermle Model C42 U MT



Mori-Seiki MNV-5000



Haas UMC 1500 Duo



Mori-Seiki NZX-2000SYZ

# FULL SIMULTANEOUS 5 AXIS CAPABILITY!

## EQUIPMENT MILLING

*Handling parts up to 40" x 60"*

- (1) 5th Axis - Hermle Model C42 U MT, CNC VMC
- (1) 5th Axis - Haas UMC 1500 Duo
- (1) 5th Axis - Mori Seiki NMV5000
- (1) Mini 5<sup>th</sup> Axis - Haas DM2 W/ TR100
- (12) **Vertical Mills - Haas VF4-SS**
- (15) **Vertical Mills - Haas VF-2-SS**
- (3) Vertical Mills - Doosan DNM 4500/DNM 6700/MYNX
- (3) Horizontal Mills - (1) Haas EC 400/ (2) Doosan 5100

## MILLING & TURNING COMBINATION

- (1) MORI SEIKI NZX-2000SYZ (twin spindle, twin turret)
- (1) MORI SEIKI NL2500SY
- (1) MORI SEIKI NL2000SY
- (1) Haas ST-20
- (1) Haas ST-25y

## SUPPORT EQUIPMENT

- (1) AMADA CNC SAW AND BAND SAW
- (1) AUTOMATIC PEM MACHINE
- (1) MBA BEAD BLASTING MACHINE
- (7) LANG CLAMPING SYSTEMS
- (1) TROTEC SPEEDY 300
- (1) FLEXARM
- (1) AUTOMATIC HELICOIL MACHINE

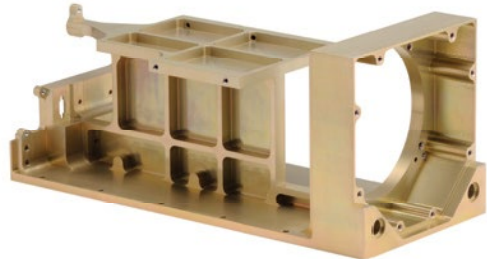


# FROM YOUR CONCEPT TO CREATION

We work with a wide variety of materials and our products exceed industry standards such as MIL, RoHS, and ANSI.



Compactor Unit



Electronic Bench Chassis



Toggle Arm



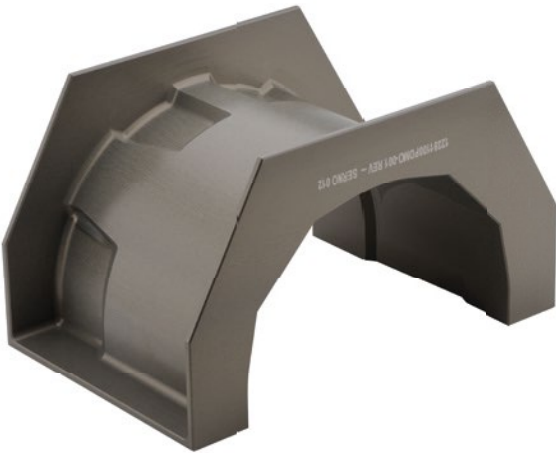
Landing Foot Mount



Turbine Component



Landing Foot Mount



Impeller Housing



Coolant Fitting



Flow Hub



Hydraulic Interceptor



Flow Fitting



Camera Gimbal



Electrical Heat Sink



Bio Inverter Cylinder



Military Rifle Component



Camera Ring



Data Link Housing



Pod Band



5 Axis Gimbal



Pod Band



Communications Box