



ANESCO Mold & Tool Co. 27822 Fremont Court, Unit B, Valencia, CA 91355 Tel: (661) 257-1147 Fax: (661) 257-1139

## **AS9100-D & ISO 9001:2015**

### **Certificate No: 1116965**

Anesco operates from a modern facility in the Valencia Rye Canyon Industrial Park, since 1990.

We are a full service job shop, doing work for the aircraft, aerospace and commercial industries. The company specializes in production and short run manufacturing of metal, plastic and rubber parts and assemblies. We also have the unique ability to produce prototypes and "test parts", rapidly and without interruption of our production line. Our close industry partnerships allow our capacity to adjust rapidly to customer demands.

Anesco can work closely with your engineering and design staff to meet your every need, to provide quality products and services and to participate in cost reduction efforts.

At Anesco we utilize the latest CNC (Computer Numerical Control) Machines, and CAD/CAM (Computer Aided Design and Manufacturing), to provide competitive service to our customers. We offer you and your company total personal involvement from all areas of our management and manufacturing team, all of whom demand quality and precision.

With our combination of modern equipment and technology, experience and a total dedication to quality, we look forward to earning your business.

#### **CAPABILITIES:**

- \* **PRECISION CNC AND CONVENTIONAL MACHINE SHOP**
  - CNC Milling up to 50" x 20" x 20" and special case for 144" long parts
  - CNC Milling up to and Including 5 Axis
  - CNC Turning up to 8" OD or 2" Barfed
  - CNC Mill/Turn 11 Axis 6" OD or 1.375" Barfed
- \* **PRODUCTION OF MOLDS FOR: PLASTIC, RUBBER,**
- \* **PLASTIC INJECTION MOLDING Up to 30 Oz**
- \* **TRANSFER AND COMPRESSION RUBBER MOLDING**
- \* **GENERAL ASSEMBLY SERVICES-SHORT & LONG RUN**
- \* **LASER MARKING AND MICROMACHINING**
  - Logos (4 Axis)
  - Serialization (4 Axis)
  - Bar-Coding (4 Axis)
  - Identification/Traceability (4 Axis)
  - 3d Micromachining



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## EQUIPMENT LIST 2023

Qty.

### CNC Turning

- 1 Hitachi Seiki Hitec-Turn 20S-II CNC Lathe with LNS Magazine Bar Feed (8" chucking capacity and/or 2" bar fed capacity)

### CNC Mill/Turn

- 2 DMG GildeMeister Twin32Y 11-Axis Turning Centers with Milling and Sub Spindles. Turning capacity 6" Inches. Bar fed capacity 1.375 Inch Dia.) Twin turrets for faster processing and Y axis for off-center work.
- 1 Cubic Diamand SD32 Swiss Turn CNC machine with live tooling and Sub Spindle. 1.25 Inch bar fed capacity.

### CNC Milling

- 1 Hitachi Seiki VM40-II Vertical Machining Center with Automatic Pallet Changer and full Probing (20" x 18" x 24")
- 1 HAAS VF-4 Vertical Machining Center with dual 4<sup>th</sup> Axis and Automatic Pallet Changer and full Marposs Probing (50" x 20" x 24" travels) Customized for capacity for parts up to 144" inches long.
- 1 HAAS HS-IRP Horizontal Machining Center with 4<sup>th</sup> Axis (24" x 20" x 22")
- 1 HAAS VF-3 Vertical Machining Center with 4<sup>th</sup> Axis Customized for capacity for parts up to 144" inches long.
- 1 Haas UMC 500 – 5 axis milling machine with on machine probing

### THERMOPLASTIC INJECTION MOLDING CAPABILITIES

- 3 Lien-Yu 120ton Computerized plastic injection molding machine with hopper dryer and hydraulic core pull, 5.6 oz shot capacity.
- 1 Enaiviv 165ton Computerized plastic injection molding machine with hopper dryer and hydraulic core pull, 12.0 oz. shot capacity.
- 1 Enaiviv 220 ton Computerized plastic injection molding machine with hopper dryer and hydraulic core pull, 24 oz shot capacity.
- 1 Novatec Desiccant Dryer
- 1 Application Engineering water temperature control unit model TDV-1NX
- 2 Advantage TS – 925 model water temperature control units.
- 2 Oil temperature control units for high temperature molding of Peek and Ultem materials.

Assorted Water Chillers



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### **RUBBER AND THERMOSET PARTS MOLDING CAPABILITIES**

- 1 PHI 20 Ton Heated Transfer Press
- 1 PHI 40 Ton Heated Transfer Press
- 1 PHI 50 Ton Heated Transfer Press

### **Laser Engraving and Micro Machining**

- 1 Anesco 50 Watt Fiber Laser 4 Axis Deep Engraving System
- 1 Anesco 20 Watt Fiber Laser 4 Axis Deep Engraving System
- 1 Anesco 20 Watt Fiber Laser 4 Axis PORTABLE Deep Engraving System
- 1 Charmille Roboform 4 Axis CNC EDM Electrical Discharge Machine

### **Engineering**

Solidworks Work Stations

MasterCam Programming

### **Manual and Support Equipment**

Assorted Manual Mills, Assorted Manual Lathes, Assorted Surface Grinders

Assorted Tool Grinders and Diamond Sharpening Equipment

Assorted Horizontal and Vertical Honing Machines

### **INSPECTION EQUIPMENT**

- 1 CMM onboard inspection on Hitachi Mill
- 1 CMM onboard inspection on HAAS VF-4
- 1 Mitutoyo CMM (36" x 24" x 20")
- 1 50 Inch Optical Comparator
- Assorted measuring tools
- Assorted Thread Gages
- Assorted Height Gages