



Precision Metal Products, Inc.

Precision Metal Products, Inc. (PMP) forges and machines precision net and near-net engineered metal components for aerospace, military, medical and industrial applications. PMP is globally recognized for its superior forging and metal working capabilities. Precision crafted forgings, ranging from under 1 lb. to 110 lbs. in net weight, are produced from a variety of metals, including: titanium, stainless steel, inconel and custom alloys.

FACTS

- Founded in 1963
- World-class manufacturer of near-net forgings
 - 96,000 sq ft state-of-the-art manufacturing facility in El Cajon, California
 - 250,000+ annual forgings
 - 130+ employees
 - 12 years average employee tenure
 - 17 years average customer tenure
 - 99.95% acceptance rate
- Largest privately owned high-velocity forging company in the world
- Industries supported: aerospace, defense, medical, oil & gas, power generation

CORE COMPETENCIES

- Net and near-net forgings up to 110 lbs. and 150 sq. inches in plan view area with tolerances held to +/-0.005
- Titanium, stainless steels, carbon and alloy steel, cobalt chrome, nickel-based alloys, and other exotic alloys

QUALITY

- Extensive quality certifications and awards
- Destructive and non-destructive testing
- CMM inspection including blue light surface laser equipment
- Optical Comparator Inspection

KEY EQUIPMENT AND CAPABILITIES

- 9 screw presses ranging from 200 to 12,500 tons
- 7 high velocity presses ranging from 125,000 to 300,000 maximum foot-pounds
- 7 mechanical presses ranging from 75 to 1,500 tons
- 2 hydraulic presses ranging from 300 and 800 tons
- In-house machine shop with 13 CNC lathes and 12 CNC mills with up to 5 axis
- Fully equipped metallurgical laboratory
- Destructive and non-destructive testing (NADCAP Certified)
- Chemical milling for titanium alloys
- Shot blast and sand blast capabilities
- Hot Caustic Salt Bath Cleaning for titanium alloys
- In house heat treating
- Production capabilities range from prototyping to mass production
- On-site machine tool design and build
- Assembly
- Support VMI and Kanban programs

CERTIFICATIONS

- **ISO 9001:2015** registered with Perry Johnson
- AS9100:2009 Rev D registered with Perry Johnson
- **ISO 13485:2016** approval for medical device manufacturing
- NADCAP approved for Florescent Penetrant Inspection and Magnetic Particle Inspection
- Cage Code #10220 for military programs
- MMM Certification expected in 2022



AEROSPACE / DEFENSE / INDUSTRIAL APPLICATIONS



MEDICAL APPLICATIONS



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