



Weldaloy Specialty Forgings is a world class manufacturer, with over 70 years of experience in the forging, heat treating, and machining of specialty metals. Weldaloy combines an AS9100D certified quality system with a passion for serving customers to build long-term, collaborative relationships. We stand ready to partner with you to solve your toughest challenges.

- Open Die
- Closed Die
- Rolled Ring
- Heat Treat
- Machining

ISO 9001:2015 Certified
AS9100D Certified
ITAR Compliant
DNV GL Approved



Please contact us for a quote, a list of in-stock materials for immediate processing, or to speak with a representative.

Weldaloy serves multiple industries including Aerospace, Electronics, and Power Generation providing a single source for specialty metal forgings.

CERTIFICATIONS

- ISO 9001:2015 Certified
- AS9100D Certified
- ITAR Compliant
- DNV GL Approved

FORGING

- OPEN DIE / CLOSED DIE / ROLLED RINGS
- 2,000-ton press
- 5 drop hammers, 2,000-4,000 lbs
- 200 Ton Ring Mill

HEAT TREATING

- Annealing and stress relieving
- Solution heat treating with quench
- Precipitation hardening
- 13 digitally controlled furnaces with full traceability
- AMS 2750

MACHINING

TURNING / MILLING / GRINDING / POLISHING

- CNCs – 14 lathes, 3 mills
- Turning up to 72" diameter
- Milling up to 30" x 67"

GENERAL INFORMATION

- NAICS – 33212
- DUNS 00-537-9144
- Small Business

MATERIALS

- Titanium – Ti6-4 ELI, Ti5Al-2.5Sn, pure grades, and more
- Stainless Steel – 15-5 PH, 17-4 PH, S30400, 316, 4340, and more
- Nickel-Based Superalloys – N04400, N05500, N06002, N06600, N06625, N07718, N19903, N19909, K400, K500, and more
- Copper – C10100, C10700, C10800, C12220, C15000, C18000, C18500, C18200, C46400, C67300, and more
- Aluminum – A1100, A2014, A2219, A6061, A7075, A7175, and more
- Thermo-Span, and other unique alloys!

ENGINEERED SOLUTIONS

- A staff of four metallurgists
- Fully integrated CAD/CAM system - SolidWorks
- FORGE forging simulation software
- SOP for control of CNC machine programs

RESEARCH & DEVELOPMENT

- Process development through production capacity
- Evaluating next generation forging technology
- New products and processes development through stage gate process approach

QUALITY COMMITMENT

- PLEX fully integrated paperless ERP system - since 2010
- 2 Mitutoyo CMMs
- ROMER arm for 3D scanning
- Olympus XRF gun

TESTING CAPABILITIES

- Chemical composition analysis
- Mechanical testing (tensile-yield-elongation)
- NDT testing (dye penetrant, UT, radiographic)
- Hardness, Conductivity, & Grain size analysis

SITE CAPABILITIES

- 115,000 sq.ft. of manufacturing, warehouse, office space
- Forging
- Heat treating
- Machining
- Specialized packaging solution

RECENT UPGRADES

- NEW 200 Ton Ring Mill – April 2020
- 2,000-ton press hydraulics
- Furnace capacity increased 50% since 2015
- Over \$6M in facility upgrades since 2014
- Digital video review for quality control and assurance