

# Large Shaft Machining

## DATASHEET

Trace-A-Matic is a precision machine shop that specializes in machining large shafts. They are essential devices that transfer machine-driven energy to a load device for power distribution, found in mechanical systems across many industry sectors. Trace-A-Matic has expertise machining shafts constructed from standard and exotic metals with complex geometry to meet or exceed the most demanding tolerances. We are a trusted Tier 1 supplier of high-quality prototypes and high volume precision metal components to leading OEMs across many industry sectors.

### Shaft Types:

- Eccentric
- Impeller
- Journal
- Main
- Output
- Pump
- Roll
- Rotor



**Industry Applications:** Aerospace, Defense, Food Processing, General Industrial, Heavy Equipment, Medical Device, Military, Mining, Oil and Gas, Pharmaceutical, Power Generation, and Transportation

**Material Types:** castings, forgings, fabricated weldments, billets, bar stock, and plate



**Metal Construction:** aluminum, armor plate, brass, bronze, chromium, copper, gammalloy, Hastelloy, Incoloy, Inconel, Invar, manganese, Monel, nickel, Nitralloy, powdered metals, stainless steel, Stellite, titanium, Waspaloy, and many other superalloys

**Services:** Multi-Axis Machining, 5-Axis Machining, CNC Milling | Vertical and Horizontal, CNC Turning | Vertical and Horizontal, CNC Engineering, CNC Inspection, and Special Processes Integration - Nadcap Accredited

**Certifications:** AS 9100D | ISO 9001:2015, American Petroleum Institute (API) Specification Q1, and an ITAR Registered Manufacturer

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