

Actuator Machining

DATASHEET

Trace-A-Matic is a precision machine shop that specializes in machining actuator parts and assemblies. Actuators are essential devices that provide mechanical motion to control mechanisms and systems. They are used to turn valves, apply braking systems, and as mission-critical controllers in aerospace landing gears, and the like. Trace-A-Matic has expertise machining actuators 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.

Actuator Types:

- Electric
- Hydraulic
- Mechanical
- Pneumatic
- Thermal
- Linear and Rotary Motion

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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