Advanced Machining

Precision 5-Axis CNC Milling and Turning
Wire and Sinker EDM

Who We Are

Advanced Machining is an AS9100D and ISO 9001:2015 registered precision machining and manufacturing company that specializes in prototypes and low to mid-volume OEM production.

Founded in 1985, we have provided solutions and quality parts to leading power generation, aerospace, medical, defense and automotive companies.

Our specific capabilities include 5-axis CNC milling (up to 42,000 RPM), turning, wire and sinker EDM, Zeiss CMM, and grinding.

We are experienced with a variety of materials including all steel alloys, fully hardened steels, high nickel alloys, titanium, aluminum, ultra hard ceramic composites, non-ferrous alloys, and polymers.

We are based in Salisbury, North Carolina near Charlotte and Greensboro.

Services

Milling
- Mikron HEM 500U 5-Axis
- Mikron HSM400U 5-Axis
- Mikron UCP600 Vario 5-Axis
- Mikron VCP600
- Mikron VCP1000
- Haas VM3 4-Axis

EDM
- Agie Progress VP3
- AgieCut Classic 3HS
- AgieCut Classic 3V

Turning
- Okuma 1060 Big Bore
- DMG Mori NLX 2500/700 SY

Grinding
- Supertec STP 1428 ADCII

Materials

Stainless Carbon & Tool Steel
Aluminum
Brass
Copper
Delrin
PEEK
Teflon
Polycarbonate
Molybdenum
Ceramic
Inconel
TZM
Tungsten
Titanium
Rhenium
Iridium