

WHO WE ARE

JK Engineering is a job shop specializing in CNC Turning, Milling, EDM & Laser Marking. Our core products are produced from stainless steel, aluminum, titanium & many others. Current parts produced are supplied to various customers in the aerospace, military, automotive, and energy industries. Typical lot sizes range from one piece prototype to 20,000+ piece production runs.

WHY DO BUSINESS WITH JK ENGINEERING

Our customers include the world's leading aerospace, military, and engineering companies. These companies choose JK Engineering because we are great to work with! Our customers place orders knowing their parts will ship on-time and will exceed their expectations

OUR APPROACH

JK Engineering is a family-operated machine shop where we work hard to build a culture of professionalism and quality. We believe in craftsmanship and take great pride in the products we produce. We believe in "punching above our weight", providing capacities and a quality of service you might expect only from a larger machine shop.



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COMPLETE MANUFACTURING

ENGINEERING - MACHINING - FABRICATION - EDM - ASSEMBLY

TOP QUALITY AT COMPETITIVE PRICES



JK Engineering's core products are produced from stainless steel, aluminum & Inconel. Current parts produced are supplied to various customers in the aerospace, military, automotive, and energy industries. Our machined parts are used in industries such as:

- Defense
- Energy
- Commercial
- Aerospace
- Space
- Industrial Equipment

Along with our machinists' extensive experience, JK Engineering is fully equipped with the latest Computer Numeric Control (CNC) equipment. JK Engineering can also handle close tolerance parts and alloys that are traditionally difficult to machine.

OUR SERVICES



1

SERVICES OFFERED

- 3D Scanning Inspection & Reverse Engineering
- Precision Laser Cut/Mark
- Metal Finishes
 - Anodize
 - Chem Film
 - Electroless Nickel
 - Heat Treat
 - Passivate
 - Black Oxide
 - Chromate
 - BR-127
 - Paint
 - Powder Coat
- Engineering Support
- Production Saw Cutting
- Sheet Metal & Fabrication
- Structural Assemblies
- Certified Welding
- Metal Stamp & Ink Stamp

2

RAPID PROTOTYPE MANAGEMENT

- Tolerances Down to $\pm 0.0001"$
- Quick Turn Around
- Reverse Engineering Prototype

3

PRECISION MACHINING CAPABILITIES

- 3, 4 and 5 Axis High Speed Machining
- Advanced Lean Manufacturing Processes
- Dedicated Setups & Reduced Lead-Time
- Hard Metal Machining - Titanium, Inconel, Monel, Magnesium, etc.
- Mold Making

4

ENGINEERING

- Prototyping
- Application Engineering
- Manufacturing Engineering
- Tooling Design

5

ELECTRICAL DISCHARGE MACHINING

- 23" X 15" X 14" Envelope
- Wire Size Down To 0.0018"
- 2 RA Surface Finish (μ in)
- $\pm 0.0001"$ Tolerance
- All Conductive Materials
- 25° Angled Taper

CERTIFIED COMPANY
ISO
9001:2015

CERTIFIED COMPANY
AS
9100D

OUR MISSION

"Our commitment to outstanding quality and customer service is the cornerstone of our success."



EQUIPMENT HIGHLIGHTS

- Super Speed Machining
- CNC Turning (up to 21" Diameter x 26" Length)
- CNC 3, 4 and 5 Axis Milling (up to 120" x 40")
- Dual Spindle Production Turning
- EDM Wire & Hole Popping from 0.004" Diameter
- Laser Marking & Cutting Centers
- Production Material Cutting (up to 14" x 14")
- Full CMM Inspection (up to 74" x 40")
- 3D Scanning Inspection
- Air Powered Digital Height Gages (up to 24")
- 102" Length Inspection with Romer Arm
- Reverse Engineering Capabilities with Romer Arm

JK Engineering integrates Solid Model Design Capabilities with contemporary production equipment to include: CNC high speed milling machines, advanced Metrology Capabilities, environmentally controlled facilities, and a CAD/CAM Network that provides design and engineering analysis, CNC Programming, and Certification Support.



AS9100 REV D
ISO9001:2015
Quality Department



LARGE 5-AXIS
Milling



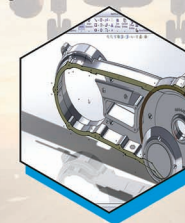
FULL SERVICE
EDM



ASSEMBLY & WELD
Capabilities



DUAL SPINDLE
Turning



ADVANCED
Modeling



FULL INSPECTION
Scanning