

FALCON CNC

PRECISION CNC MACHINING

AEROSPACE & DEFENSE CONTRACT MANUFACTURING

AS9100D · ISO 9001:2015 · ITAR · MESA, AZ



ABOUT US

YOUR DEPENDABLE SUPPLY CHAIN PARTNER

Falcon CNC LLC is an AS9100D-certified contract manufacturer for prime and sub-tier aerospace and defense contractors. From our 50,000+ sq ft facility in Mesa, Arizona, we deliver precision CNC machined parts, custom assemblies and engineering services — in quantities from one to thousands.

TURNKEY SOLUTIONS

Secondary operations in-house and strong vendor flow-down control.

QUALITY FIRST

Daily calibration, in-process inspection and regular internal audits.

INDUSTRY EXPERTISE

ITAR defense, medical, oil & gas and high-volume commercial work.

TECHNOLOGICAL EDGE

CAD design, CAM programming and CMM verification.



36
CNC machines

10
5-axis mills

14
CNC lathes

CAPABILITIES

WHAT WE MACHINE

5-AXIS MACHINING
Haas UMC and Methods MB-450U for complex, multi-sided parts.

3 & 4-AXIS MILLING
Haas VF verticals, a Methods 4-axis horizontal, 3D profiling.

TURNING / MILL-TURN
Y-axis lathes from Haas, Doosan, Hwacheon, Okuma and more.

WIRE EDM
FANUC Robocut and Mitsubishi wire EDM for fine features.

ONE TO THOUSANDS
Prototypes through high-volume production and subassembly.

EQUIPMENT

36 CNC MACHINES UNDER ONE ROOF

10

5-AXIS MACHINING

Haas UMC-1000SS, UMC-750SS, UMC-500SS, UMC-500 and UMC-400 · Methods MB-450U

10

MACHINING CENTERS

Haas VF-2SS through VF-6SS verticals · Haas VF-8SS (2) · Methods MH-320A 4-axis horizontal

14

TURNING & MILL-TURN

Doosan Puma GT-3100 · Haas ST-25Y, ST-30Y, ST-35Y · Hwacheon Hi-TECH 230BLY & Cutex · Okuma LB-3000EX II · Eurotech Trafeo B446-SY2 · Mori Seiki SL-25

2

WIRE EDM

FANUC Robocut C600 · Mitsubishi wire EDM

Full equipment list with quantities available on request.

ON THE SHOP FLOOR

BUILT FOR PRECISION



HAAS UMC-750SS

5-axis · 2 in shop



HAAS VF-2SS

Vertical mill · 3 in shop



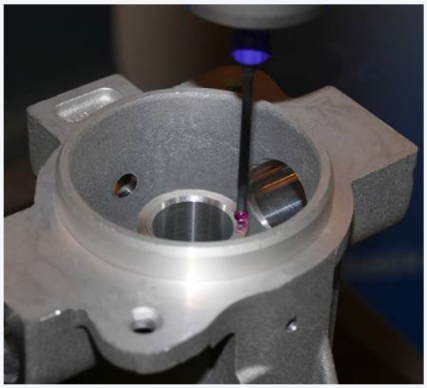
HAAS ST-35Y

Y-axis lathe · 2 in shop

Machine images courtesy of Haas Automation, Inc.

MATERIALS

EXOTIC ALLOYS & MORE



- Inconel® 625 & 718
- Monel®
- Titanium
- A-286 · Hastelloy® · Haynes®
- Invar® · Kovar®
- Aluminum · stainless · brass
- Plastics & castings

SERVICES

TURNKEY, START TO FINISH

Secondary operations in-house, plus strong vendor flow-down control for total part control, low cost and quick turnaround.

- Subassembly & contract assembly
- Finishing through controlled vendors
- Inventory management
- Full traceability & detailed paperwork
- Custom automation & robotics

QUALITY & ENGINEERING

CHECKED. EVERY PART.

Daily calibration, in-process inspection and regular internal audits deliver dock-to-stock quality and part-to-part repeatability.

Certifications	**AS9100D · ISO 9001:2015**
Export control	**ITAR registered**
Inspection	**CMM verified**
Tolerances	**±0.0002 in**
Max part size	**55 × 40 × 10 in**
Lead time	**Quoted by part complexity**

ENGINEERING

CAD design · CAM programming · Legacy prints or 3D models

INDUSTRIES SERVED

Aerospace · Defense · Oil & Gas · Sensor Instrumentation · Medical · Automotive · Commercial

REQUEST A QUOTE

PUT US TO THE TEST WITH AN RFQ

1 · Send your RFQ
Email or call with quantities and requirements.

2 · Share drawings securely
We arrange a secure method for prints and models.

3 · Machine & inspect
Programmed, cut and CMM-verified in-house.

4 · Deliver
On time, dock-to-stock, with full paperwork.

Please don't send ITAR-controlled or export-controlled data by email. We'll set up a secure transfer.

FALCON CNC LLC

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