

PROCUT-CNC

Precision machining for parts where a miss costs more than a remake.

5-axis | 3-axis + 4th | CNC turning | Swiss | CMM inspection

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CORE MACHINING CAPABILITIES

5-Axis CNC

TO +/-0.0002 IN

Haas UMC-500SS | 19.7 x 17.7 x 17.7 in | 12,000 RPM | BT40

3-Axis + 4th

50 IN X TRAVEL

Haas VF-4SS + HRT-210 | 50 x 20 x 24 in | 12,000 RPM | BT40

CNC Turning

DIA. 6 X 8 IN

Haas ST-10 turning center | Shafts, bushings, fittings | Bar-fed production

Swiss Machining

DIA. 0.5 X 6 IN

Sliding-headstock | Live tooling | Small-diameter, high L:D precision parts

MATERIALS

ALUMINUM	6061 7075 2024 MIC-6
STAINLESS	303 304 316 15-5 PH 17-4 PH
HIGH PERFORMANCE	Ti-6Al-4V Inconel 625/718 Custom 465
OTHER	Tool steel Brass Bronze PEEK Delrin

PRODUCTION FIT

- Prototype through low-mix, mid-volume production releases.
- Repeat releases, blanket POs, and forecast windows quoted with explicit assumptions.
- DFM / cost-out alternatives separate the baseline, nonrecurring cost, recurring economics, and change authority.
- Complete packages target an engineering-reviewed response within one business day; timing is confirmed from scope.

QUALITY AND INSPECTION

Critical features to +/-0.0002 in when the print, process, and inspection plan support it. Capability is confirmed feature by feature during RFQ review.

- Zeiss Contura CMM with VAST XXT probing and temperature compensation
- Keyence IM-7030 image-dimension measurement
- Mitutoyo PH-3500 optical comparator and QM-400 height gage
- Renishaw in-machine work and tool probing
- Calibration records traceable to NIST; supplier audits welcome

DOCUMENTATION

Available when required by the drawing, quality plan, PO, and quoted scope:

- AS9102-format Forms 1, 2, and 3 for quoted aerospace first articles
- Ballooned print and CMM dimensional reporting as quoted
- Material certifications, chemistry/mechanicals, and heat-lot traceability as required
- Certificate of Conformance and quoted sub-tier process certifications
- PPAP Levels 1-5 for applicable, quoted programs

INDUSTRIES SERVED

AEROSPACE	Brackets, housings, avionics, landing-gear components
DEFENSE	ITAR-controlled programs and DFARS material flow-down
MEDICAL	Instruments, implants, diagnostic hardware
FAA-PMA	Customer-held PMA replacement-part programs
INDUSTRIAL	Automation, fixtures, manifolds, production hardware

COMPLIANCE STATUS

- **ITAR REGISTERED**
DDTC registration number available on RFQ.
- **CERTIFICATION IN PROGRESS**
AS9100D / ISO 9001 Stage 1 audit planned; not yet certified.
- **SUPPLIER IDS**
CAGE and DUNS provided during supplier qualification.

READY FOR SUPPLIER REVIEW?

Send the print. Get an engineering-reviewed response.

For ITAR-controlled data, submit project details without files to receive approved transfer instructions.

