

COMPANY OVERVIEW

We are a Bengaluru-based contract manufacturer specializing in high-precision **Make-to-Print** components. We integrate advanced multi-axis CNC technology with a rigorous Quality Management System to serve the Aerospace, Defense and Industrial sectors.

CORE COMPETENCIES

- **VMC Milling:** 3-Axis & 4-Axis (Rotary) milling
- **CNC Turning:** High-speed precision turning for complex geometries.
- **Advanced CAM:** Licensed **Mastercam 2025** for optimized toolpath generation and complex 4-axis surfacing.
- **Production:** Capacity to handle both low-volume complex to high-volume production.

Machine Type	No of Machines	Component Size	Tolerance	Surface Finish
Vertical Machining Center with Rotary 4th Axis (AMS)	2	500 X 450 X 450 mm	+/- 0.02 mm	0.8 Ra
CNC Turning Centers (ACE Micromatic)	4	Up to Ø 350 mm Diameter X 400 mm L	+/-0.02 mm*	0.8 Ra
Cutting M/cs	1	Dia /Sq up to 250 mm	+/-0.1 mm	3.2 Ra

**Tolerance varies by diameter; +/- 0.02 mm for < Ø 20 mm*

QUALITY & COMPLIANCE

- **Certification:** ISO 9001:2015 Certified QMS
- **Metrology:** Digital Height Gauges, Micrometers, Bore Gauges, and Calibrated Thread/Plug Gauges.
- **Documentation:** Dimensional Inspection Reports, Material Test Certificates (MTC), and PPAP (Level 1-3) support.
- **Traceability:** Full material and process traceability maintained for every batch

MATERIALS HANDLED

- **Stainless Steel:** 303, 304, 316, 17-4 PH.
- **Alloy & Carbon Steels:** EN8, EN19/4140, EN24/ 4340, ST52-3.
- **Non-Ferrous:** Aluminum Alloys (6061, 7075), Copper, Brass.
- **Engineering Plastics:** POM (Delrin), Nylon, PEEK.
- Other special grades machined on request

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