



An ISO 9001 : 2015
Certified Company

PRECISION CNC MILLING & TURNING SERVICES

Shaping the Future of Precision Engineering..!



Welcome To MillTech Innovations

About Our Company

MillTech Innovations is a trusted name in precision CNC milling and turning services, delivering high-quality, customized manufacturing solutions to clients across the Aerospace, Medical, Automotive, Defense, and Electronics sectors. From prototyping to production, we uphold the highest standards of accuracy and consistency.

Our mission is to exceed expectations through advanced technology, industry expertise, and an unwavering focus on quality and customer satisfaction.

Vision & Mission

Vision

MillTech Innovations aims to be a globally trusted name in precision CNC machining. We envision delivering world-class solutions that drive innovation and quality across industries like aerospace, defense, healthcare, and electronics—setting new standards in reliability and precision.

Mission

Our mission is to provide high-precision CNC milling and turning services with a strong focus on quality, efficiency, and customer satisfaction. We are committed to leveraging advanced technologies and skilled talent to deliver end-to-end manufacturing solutions that support our clients' growth and long-term success.

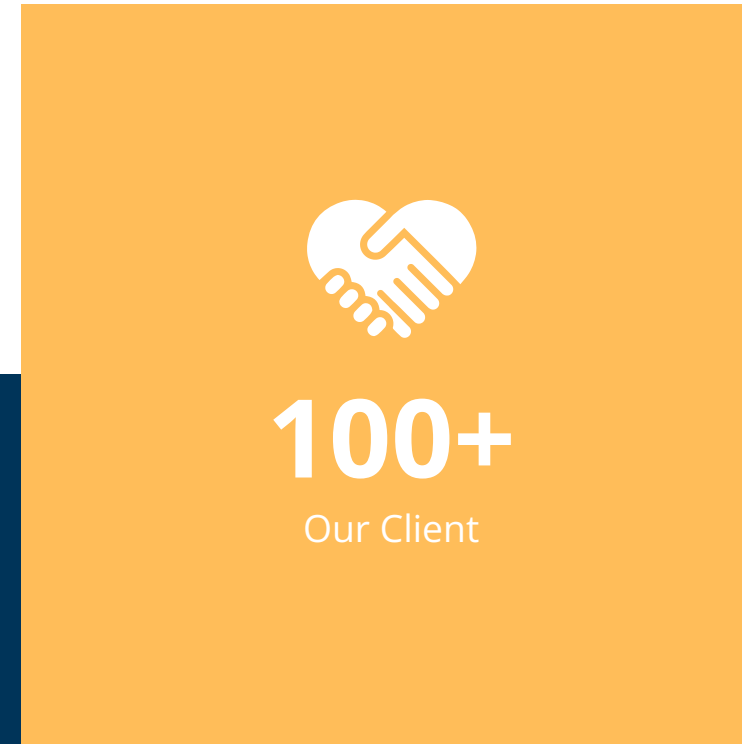




ISO 9001 : 2015

Certified Company

Milltech Innovations is proud to be ISO 9001:2015 certified, reflecting our commitment to delivering consistent quality and excellence in our manufacturing processes. ***This certification covers the manufacture and supply of CNC precision machined components, jigs & fixtures, moulds & dies, and tools,*** ensuring our operations meet globally recognized standards for quality management. It reinforces our focus on customer satisfaction, process efficiency, and continuous improvement across all facets of our business.



Our Services

CNC Milling

Ideal for producing intricate geometries and complex components with tight tolerances, our CNC milling services ensure exceptional surface finishes and dimensional accuracy. Perfect for industries requiring high-performance parts, including aerospace, medical, and electronics.

CNC Turning

Engineered for high-precision cylindrical components, our CNC turning capabilities deliver consistent results across small and large batches. With advanced tooling and skilled operators, we ensure smooth finishes, tight tolerances, and reliable repeatability for critical applications.

Special Processes

We coordinate value-added treatments such as anodizing, plating, heat treatment, and coating through NADCAP-approved sources to ensure complete part readiness. These processes enhance durability, performance, and compliance with industry standards.



Aerospace

We deliver high-precision machined components for the aerospace industry, where accuracy, reliability, and compliance are critical. Our parts are engineered to meet stringent aerospace standards, supporting applications in airframes, landing gear systems, and avionics.



Automotive & Electronics

MillTech Innovations provides precision CNC solutions for the automotive and electronics industries, delivering high-quality, tightly-toleranced components to meet evolving demands. From high-volume production to intricate miniaturized parts, we drive innovation and performance with confidence.



Defense

MillTech Innovations supports the defense sector with mission-critical components that demand durability, precision, and consistent performance. We work with certified materials and processes to ensure parts meet the rigorous standards of defense applications.



Facilities & Infrastructure

Our facilities feature high-speed multi-axis CNC machines supported by real-time production monitoring in a clean, compliant, and safe environment. With advanced equipment, including VMC 800 models offering precision up to 0.005 microns across 3-axis, 4-axis, and 3+2 axis configurations, we deliver exceptional accuracy and efficiency to meet diverse manufacturing needs.

Our advanced infrastructure ensures seamless operations, from design to production, enabling us to handle complex projects with precision and reliability. Leveraging cutting-edge technology and skilled expertise, we guarantee consistent quality and optimal performance across all manufacturing processes.



Our Machines

Global - VMC 800

- **Travel Capacity:** X – 800 mm, Y – 550 mm, Z – 550 mm
- **Table Size:** 1000 x 550 mm with 5 slots, 500 kg load capacity
- **Spindle Speed:** Up to 8000 RPM, BT-40, 70 mm bearing diameter
- **Spindle Power:** Up to 12 kW (Siemens), 11 kW (Fanuc/Mitsubishi)
- **Rapid Traverse Speed:** 25 m/min (X, Y, Z)
- **Cutting Feed Rate:** 10 m/min for all axes
- **Tool Changer:** 24 tools, max dia. 150 mm, weight up to 8 kg
- **Tool Length Capacity:** Up to 250 mm
- **Positioning Accuracy:** ± 0.010 mm, Repeatability: ± 0.005 mm
- **Machine Size & Weight:** 3250×2230×2860 mm, 6500 kg

Machine Setup: 3 machines with 3 to 5-axis capability



Our Machines

Jyoti - DX200-5B

- **Swing Over Bed:** 500 mm | Standard Turning Dia.: 250 mm
- **Max. Turning Diameter:** 365 mm | Max. Turning Length: 500 mm
- **Axis Travel:** X – 200 mm | Z – 500 mm
- **Rapid Feed (X & Z Axes):** 24 m/min
- **Spindle Power:** Siemens 13.5/9 kW | Fanuc 11/9 kW
- **Spindle Speed Range:** 50–4000 RPM | Spindle Bore: 70 mm
- **Spindle Nose:** A6 | Max. Bar Capacity: 52 mm
- **Turret:** 8 Stations | Tool Size: 25 × 25 mm
- **Tailstock Thrust:** 500 Kgf | Quill Stroke: 120 mm
- **Machine Dimensions:** 2350 (L) × 1540 (W) × 1710 (H) mm | Weight: 3400 kg

Machine Setup: 1 Machine



Materials We Handle



Metals

We specialize in machining various metals, including aluminum, stainless steel, titanium, and brass, ensuring strength and versatility for diverse applications.



High-Performance Alloys

Our expertise extends to plastics such as Delrin, PVC, and acrylic, offering lightweight and durable solutions for precision components.



Plastics

We work with high-performance alloys like nickel and tungsten, handling challenging materials with superior expertise and accuracy.



Custom Materials

With a focus on material diversity, we provide tailored solutions to meet the most demanding industry requirements across all sectors.



Why Choose MillTech Innovations?



Uncompromised Precision



Custom-Tailored Solutions



End-to-End Capabilities



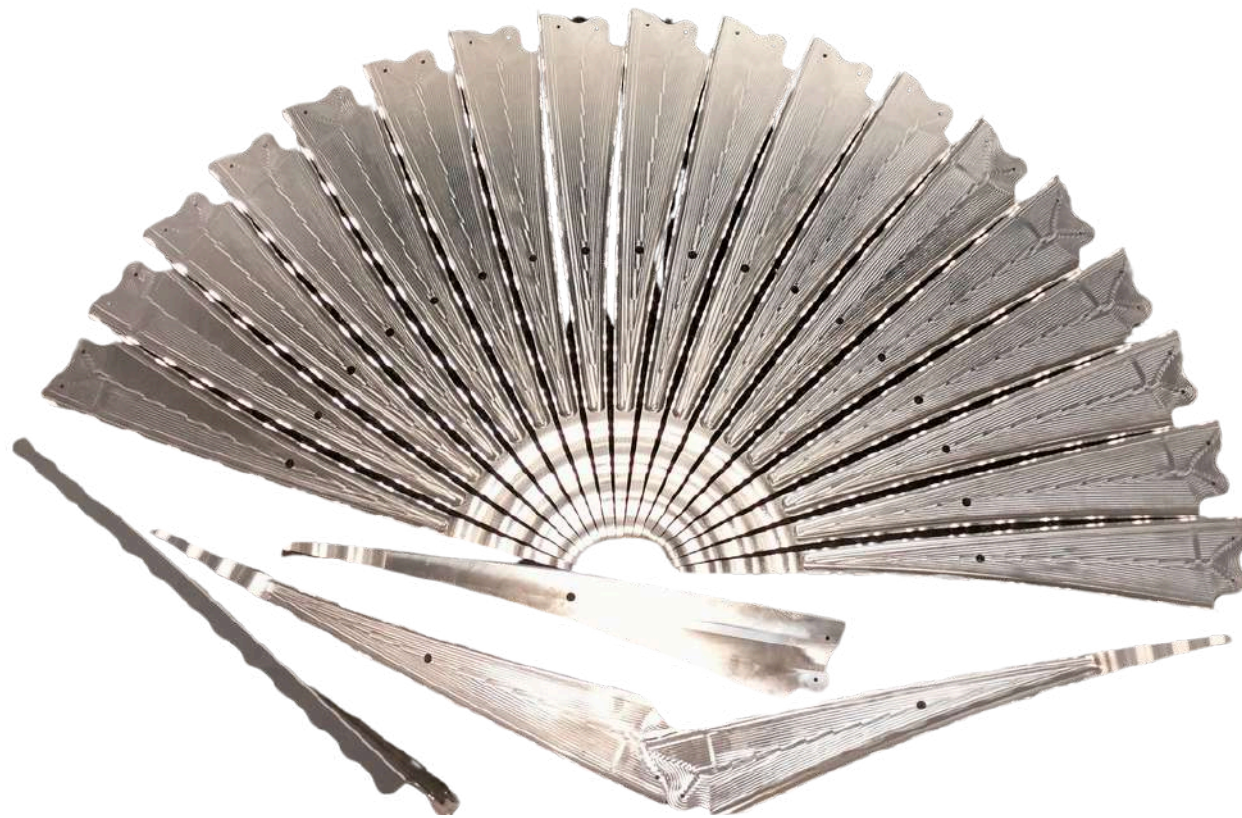
Timely Delivery



Trusted Across Industries

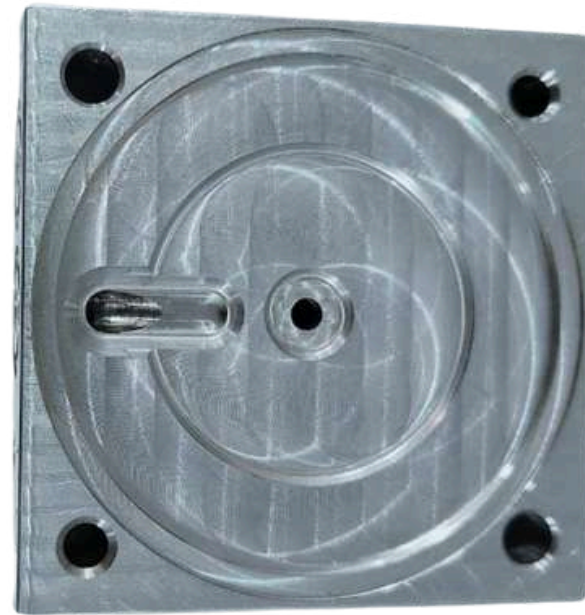
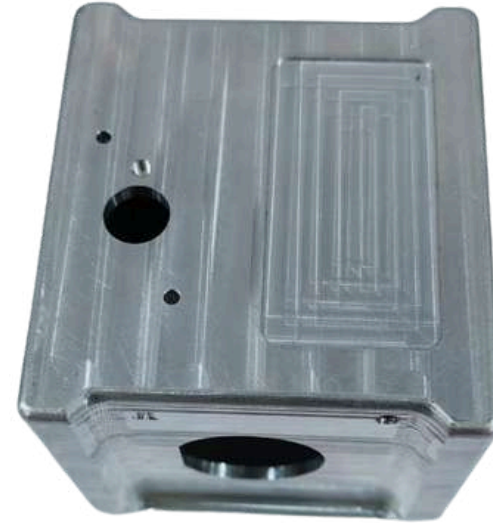
Component Snapshot

50+ Happy Clients



Component Snapshot

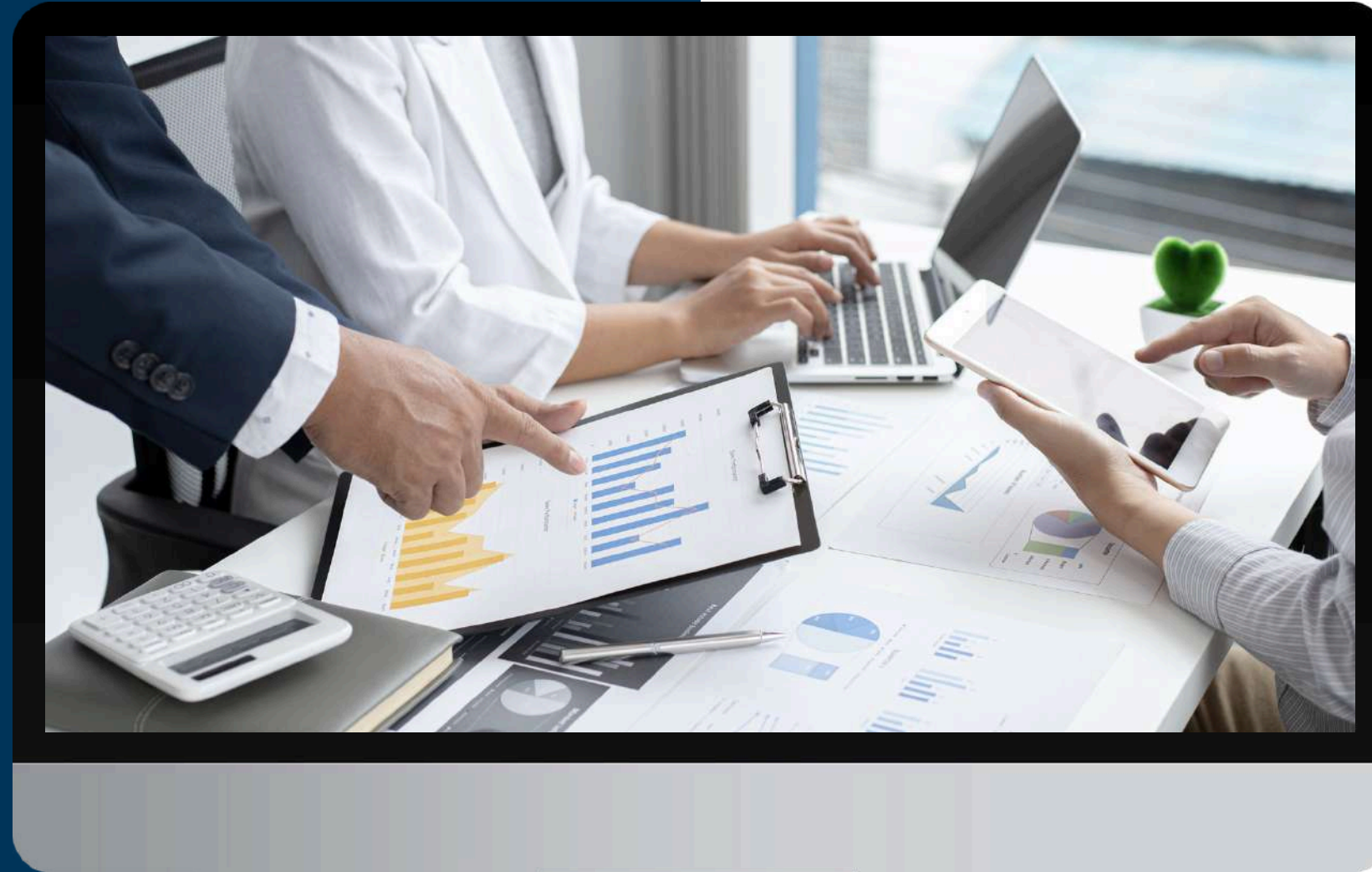
50+ Happy Clients



Component Snapshot


50+ Happy Clients







Our Contact

Have questions or need assistance? Our team is here to help! Reach out to us through phone, email, or the form below—we'll get back to you as soon as possible.

 +91 8892243889 / 8722438891

 milltechinnovations.com

 info@milltechinnovations.com / milltechinnovations@gmail.com

 No./Flat No.: No.14 7A Cross, Balaji Nagar,
Tiggadrapalya Main Road, Peenya 2nd
Stage Bangalore

Thank You

We look forward to collaborating with you and exceeding expectations. Thank you for choosing Milltech Innovations!

