



# TECHNO HANDS

# EMPOWERING ENGINEERING SOLUTIONS

**[technohands.in](http://technohands.in)**

\*Offers worldwide services and invites collaborations and inquiries  
for those seeking high-quality, precision manufacturing solutions





# About Company

**Techno Hands is a precision manufacturing company founded in 2022 in Madhya Pradesh, India, bringing over 20 years of industry experience.**

The company specializes in crafting precision components using advanced CNC turning machines and vertical machining centers (VMCs), catering to a global clientele with a strong emphasis on quality and innovation .

## **Key Specializations :**

- Defence Services
- Heavy Engineering Machinery Works
- Cement Plant & Spare Parts





## Why Choose Techno Hands?

- Expertise in Precision Manufacturing
- Uses client drawings for efficient machining programming through SOLIDWORKS and AutoCAD, ensuring speed and accuracy.
- Advanced Manufacturing
- Utilizes state-of-the-art CNC and VMC equipment for high-precision, reliable results.
- Commitment to Quality
- Every component is crafted with a focus on durability and performance.



### Global Reach

Provides precision engineering solutions to clients worldwide.



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# WHAT OUR MISSION AND VISION

**At Techno Hands,** our mission is to deliver high-precision engineering solutions through cutting-edge CNC and VMC technologies, ensuring the highest standards of quality, reliability, and customer satisfaction. We are committed to continuous innovation, excellence in manufacturing, and empowering industries across the globe with components that perform beyond expectations.



## Vision

Our vision is to become a globally recognized leader in precision manufacturing by fostering a culture of innovation, integrity, and technical excellence. We aim to set new industry benchmarks in quality and customer service, while expanding our capabilities to support the evolving needs of modern engineering and manufacturing sectors.



## SERVICES & WORKSHOP CAPABILITIES

### CNC Lathe Machines

- Automated, high-precision machining for industries like automotive, aerospace, metalworking, and general manufacturing.
- Suitable for heavy-duty, continuous operation.
- Delivers high repeatability and superior surface finish on complex parts.

### Vertical Machining Centers (VMCs)

- Precision milling, drilling, and boring for multi-axis and complex geometry applications.
- Available in 3-axis, 4-axis, and 5-axis configurations.
- Used in aerospace, automotive, tool, and die industries.
- Built for rigidity and accuracy under heavy industrial use.



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# PRODUCTS & PROJECTS

## Shafts, Rolls & Mill Spares

For all types of mills and industrial needs

## Custom Spares

Manufactured as per client drawings

## Precision Cut Parts

Tailored to exact specifications

## Measuring Instruments

(micrometers, bore gauges, hardness testers)

## Industries Benefiting from Techno Hands

Industry	Key Benefits
Defence & Military	Precision, durability, rapid prototyping
Heavy Engineering	Robustness, efficiency, consistency
Cement Plant & Spares	Customization, reliability, less downtime
Automotive	High-precision parts, rapid innovation
Aerospace	Complex geometries, material variety
Renewable Energy	Reliable turbine components
Medical Devices	Precision, compliance
Electronics	Miniaturization, high accuracy
Construction Equipment	Efficiency, scalability



## Notable Projects

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- **Tiny, high-standard precision parts for defence and private sector meeting stringent requirements.**
- **OEM-trusted components for energy, mobility, and heavy equipment.**
- **Industrial machine parts such as bearings designed for reduced friction and efficient operation.**



## Valued Clients

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- **Signet Arms**
- **Rajput Gun Service**
- **Jaypee Cements**
- **Sachin Engineering Works**
- **Sachin Engineering and Precision Works**
- **Ordnance Sector**
- **Webber India**

### Contact & Collaboration

**Techno Hands offers worldwide services and invites collaborations and inquiries for those seeking high-quality, precision manufacturing solutions**



## CNC Machining Techniques That Distinguish Techno Hands

### Advanced Manufacturing Capabilities

Techno Hands stands out in the precision manufacturing field due to the following specialized CNC machining techniques:

#### 1. Multi-Axis CNC Machining

Utilizes CNC turning machines and vertical machining centers (VMCs) with 3-axis, 4-axis, and 5-axis capabilities.

Enables the manufacture of components with complex geometries and multi-face machining in one setup.

Reduces manual handling, increases precision, and speeds up production.

#### 2. CAD/CAM Integration

Employs client-provided drawings directly for seamless programming through SOLIDWORKS and AutoCAD.

Improves efficiency by minimizing programming errors and ensuring designs are rapidly and accurately translated to the machine floor.

Supports rapid prototyping and quick turnaround for custom parts.

### **3. Automated, High-Precision CNC Lathes**

Performs continuous, unattended machining with high repeatability, ideal for industries

demanding consistent output and tight tolerances.

Delivers smooth surface finishes and superior dimensional accuracy on intricate parts.

### **4. Heavy-Duty Machining for Industrial Applications**

Machines robust parts for heavy engineering, defence, and cement plant needs, ensuring durability and reliability under high mechanical stress.

### **5. Customization and Flexible Batch Production**

Capable of producing one-off custom spares as well as batch runs, adapting flexibly to client requirements.

Offers tailored solutions for non-standard parts, combining precision with versatility.



## Workshop Strengths

Technique	Unique Edge
Multi-axis CNC machining	Complex, multi-face parts in a single setup
CAD/CAM direct integration	Fast, error-resistant programming
Automated CNC lathes	High repeatability, unattended operation
Heavy-duty VMCs	Industrial-scale components, precision under load
Custom batch production	One-off and volume runs, tailored to client needs



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## **Industry Impact**

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**These techniques collectively enable Techno Hands to deliver:**

- 1)** High-precision, consistent components for defence, aerospace, heavy engineering, and more.
- 2)** Fast turnaround and adaptability for custom jobs and rapid prototyping.
- 3)** Reliable, durable parts for mission-critical and high-load applications.

This blend of advanced multi-axis machining, strong CAD/CAM integration, and flexible production systems positions Techno Hands as a forward-thinking, client-oriented manufacturer in the CNC machining sector.



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## Key Features

- **Advanced CNC technology (multi-axis machining, VMCs, automated lathes)**
- **ISO 9001, AS9100, and other international quality certifications**
- **Broad material and process expertise (metals, alloys, exotic materials)**
- **Custom and batch production flexibility for demanding sectors**
- **Fast prototyping, digital quoting, and scalable order fulfillment**
- These companies set the global standard for advanced component manufacturing, delivering consistent, high-quality precision components for mission-critical and innovation-driven industries



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# THANK YOU

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