

Ravikiran Engineering's Big Bet: Precision CNC Machining and Major Expansion to Meet Global Demand

Ravikiran Engineering Pvt Ltd, a leading manufacturer of machined parts, is at the forefront of this movement, offering high-quality, cost-effective solutions to OEMs around the world.



Pune, Maharashtra Sep 24, 2024 ([Issuewire.com](https://www.issuewire.com)) - India's emergence as a hub for precision component manufacturing is driven by several factors, including cost advantages, technical expertise, and adherence to international quality standards. Ravikiran Engineering exemplifies this trend by producing precision-machined components that compete with those from Western countries, while also offering significant cost savings.

- **Cost-Effectiveness:** OEMs that outsource to Ravikiran Engineering can save up to 30% on precision machined components, a key advantage for North American manufacturers facing rising production costs. Outsourcing to India helps these companies remain competitive without sacrificing quality.

- **High-Quality Standards:** Ravikiran Engineering's rigorous quality control processes and testing methods ensure that all machining components meet stringent international standards. This level of quality is particularly appealing to North American industries such as automotive, aerospace, and heavy equipment manufacturing, where durability and precision are critical.

- **Opportunities in North America:** The USA and Canada present considerable growth opportunities for Indian precision manufacturing companies. According to Fortune Business Insights, the precision components market in North America is projected to grow to \$37.4 billion by 2028. With their high-quality, cost-effective solutions, Indian manufacturers are well-positioned to capture a larger share of this market.

- **Skilled Workforce:** India's skilled workforce gives it a competitive edge in precision manufacturing. With a shortage of skilled labour in the USA, particularly in precision machining, Indian manufacturers like Ravikiran Engineering offer a reliable supply chain that addresses labour shortages while reducing lead times for critical components.

Ravikiran Engineering's Expanding Capabilities

Ravikiran Engineering is investing heavily in infrastructure growth and capacity expansion to meet the rising demand from global industries. The company's facilities are equipped with cutting-edge CNC lathes and Vertical Machining Centres, capable of producing components with tolerances as fine as 20 microns. Ravikiran is also scaling its production to accommodate large orders from sectors such as automotive, aerospace, and electronics.

- **Expanded CNC Capacity:** With a growing fleet of over 30 Tsugami CNC lathes, Ravikiran Engineering is well-positioned to deliver precise and efficient production of various components. Expansion plans are in place to further increase capacity to meet the high-volume demands of global OEMs.
- **Scalable Material Processing:** Ravikiran Engineering's versatile manufacturing infrastructure supports the processing of a broad range of materials, including stainless steel, carbon steel, brass, and aluminium, ensuring that clients receive components of the highest quality, regardless of material.
- **Cutting-Edge Testing and Inspection:** As part of its infrastructure expansion, Ravikiran Engineering has integrated advanced testing techniques such as Eddy Current and Ultrasonic Testing to ensure product integrity and consistency at every stage of the production process.
- With continued investments in technology, equipment, and skilled personnel, Ravikiran Engineering is poised to scale its operations and deliver even greater volumes of precision-machined components to global markets.

Diverse Global Industry Applications

Ravikiran Engineering's precision-machined components are critical to a variety of industries across the globe. Beyond HVAC, the company's high-quality parts serve key global sectors, including:

- **Automotive and E-Mobility:** Supporting the rapid growth of electric vehicles and sustainable mobility solutions.
- **Aerospace:** Meeting the strict demands of the aerospace industry, where precision, safety, and reliability are of paramount importance.
- **Electronics:** Providing precision components that drive the performance and durability of electronic devices in global markets.
- **Pneumatics and Hydraulics:** Supplying essential components for fluid power systems used in industrial applications worldwide.

With a commitment to delivering quality and precision, Ravikiran Engineering has earned its reputation as a trusted partner across these diverse global industries.

A Message from Anand Doshi

"India's combination of cost-efficiency and quality makes it an ideal destination for precision component

manufacturing,” said Anand Doshi, Owner of Ravikiran Engineering Pvt Ltd. “At Ravikiran Engineering, we are dedicated to helping North American and European OEMs realize the benefits of outsourcing their machining components to India.”

OEMs worldwide are invited to explore how Ravikiran Engineering can provide superior precision machined components that enhance product quality and reduce manufacturing costs.

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About Ravikiran Engineering Pvt Ltd

Ravikiran Engineering Pvt Ltd, based in Pune, India, is a leading manufacturer of precision machined parts. Committed to innovation and quality, the company serves a range of industries from automotive to HVAC, providing OEMs in North America and Europe with cost-effective solutions for their precision component needs.



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Source : Ravikiran Engineering Pvt Ltd

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