

TIMKEN



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Timken has been a global leader in engineered bearings and power transmission products. How is Timken India leveraging advanced materials and digital technologies to stay ahead in precision engineering?

At Timken India, staying ahead in precision engineering begins with a clear focus on innovation backed by global engineering expertise. Timken has over 125 years of deep technical knowledge and leverages its expertise in metallurgy and tribology to develop innovative solutions to the most difficult challenges of its customers.

Our technology center in Bangalore plays a central role in advancing product design, application engineering and problem-solving for customers. Timken has a global team of engineers working on research and development and always exploring the latest innovations in materials science and friction management, keeping us ahead of the curve. This strong engineering foundation enables us to integrate advanced materials and digital tools effectively into our manufacturing ecosystem.

Our global footprint helps us tap into diverse technological trends and leverage the strengths of each region. But at the core of everything is our team's passion for excellence. Our plants continue to excel in automation, digital inspection systems and precision-measurement technologies. Together, these advancements ensure our products deliver the reliability and performance customers expect in demanding industrial environments.

With India's infrastructure and mobility sectors growing rapidly, what role does Timken India play in enabling reliability and efficiency for critical applications like railways, renewable energy, and heavy industries?

As India accelerates its infrastructure and mobility ambitions, Timken India plays a significant role by providing bearing solutions that keep critical systems running reliably. Our Jamshedpur facility supports essential sectors such as heavy trucks, railways and off-highway equipment through the production of high-performance tapered roller bearings. Timken bearings are supporting most of the high-speed rail and metro rail projects in the country today.

With the increasing demand from core industries, we've strengthened our footprint with a new manufacturing facility in Bharuch. The Bharuch facility adds important capacity for cylindrical and spherical roller bearings - components vital for

steel, mining, energy, cement and other industrial applications. With its deep technological knowledge and understanding of the markets, Timken is helping industries that put India on a fast track to growth.

Sustainability is becoming central to manufacturing. How is Timken India integrating green practices—such as energy efficiency and waste reduction—into its operations and supply chain?

At Timken, sustainability is embedded into how we design, manufacture and operate. Sustainable practices begin with our suppliers and percolate to the entire supply chain to reduce the carbon footprint of our operations. Our manufacturing facilities reflect this commitment through solar rooftop systems, rainwater harvesting, zero-liquid discharge processes, electric material-handling equipment and energy-efficient building systems.

Aligned with Timken's global ESG goals, we continue to advance energy efficiency, reduce emissions and divert waste from landfills. By incorporating automation, advanced engineering and environmentally conscious design, we ensure our products and operations support long-term sustainability while meeting the evolving needs of customers and industries. ■