

Q Can you take us through Mitsubishi Elevator's journey in India and how your offerings have evolved to address the growing demands of urban infrastructure?

Mitsubishi Electric began its elevator journey in 1921, and since then, our elevators have stood as a symbol of human ingenuity and vertical growth. For over a century, we have engineered solutions that echo the essence of 'Quality in Motion.'

In India, our story began in 1995 in Mumbai, leading to the establishment of a wholly owned subsidiary in 2012 and our first operational factory in 2016. These milestones reflect our firm commitment to the Indian market.

We've introduced products such as NEXIEZ-LITE and DeLITE, specifically developed for the Indian landscape—tailored to suit both high-rise and low-rise building requirements. At Mitsubishi Elevator India, we don't just build elevators—we elevate experiences across generations and help shape the skyline of tomorrow.

Q How would you describe the evolution of the vertical mobility sector in India over the past decade, and what role do you see Mitsubishi playing in its next phase?

India's vertical mobility landscape has been transforming rapidly, propelled by urbanization, infrastructure expansion, and smart technologies. The rise of IoT, the push for electrification, and a growing focus on sustainability and

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QUALITY IN MOTION, VISION IN ACTION

*As India races toward a high-rise future, vertical mobility is no longer a luxury—it's a necessity. At the heart of this transformation stands Mitsubishi Elevator India Pvt. Ltd., a brand rooted in global engineering excellence and deeply committed to India's evolving urban infrastructure. In this exclusive conversation, **K. SURESH**, Deputy Managing Director, shares insights into the brand's journey, its breakthrough innovations, and how Mitsubishi is shaping the next era of intelligent, sustainable, and high-performance elevator solutions for India's growing skylines.*



K. SURESH
Deputy Managing
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convenience are all reshaping the industry.

In response, Mitsubishi Elevator India continues to introduce technological innovations and advanced industrial solutions. We are especially focused on expanding our presence in the premium and mid-market segments with intelligent, efficient, and socially responsive VT (vertical transportation) systems.

India is now the second-largest market for elevators and escalators globally, after China. We aim to strengthen our market share by offering forward-looking solutions that match the evolving needs of multi-storey residential, commercial, and industrial infrastructure across the country.

Q What are some of the most notable technological innovations Mitsubishi has introduced recently in elevators and escalators?

We've introduced several advanced technologies designed to enhance safety, efficiency, and user comfort. Some of our key innovations include:

DOAS (Destination Oriented Allocation System) – This technology registers a user's destination floor via their



ID card when they pass through a security gate, thereby reducing boarding times and elevator congestion.

M's BRIDGE Global Remote Maintenance Service – Offers real-time diagnostics and predictive maintenance.

MelEye Supervisory System – Uses advanced networking to monitor elevator and escalator traffic flow, allowing building managers to respond dynamically.

ELEMOTION & ESMOTION Renewal Menus – Enable modernisation of existing elevator and escalator systems with minimal disruption.

Traction Machines with Permanent Magnet Motors – Designed to improve energy efficiency, reliability, and operational smoothness.

Q In high-rise buildings and high-traffic environments, how does Mitsubishi ensure optimal safety and operational reliability?

We employ advanced control systems and state-of-the-art installation techniques that ensure smooth and quiet rides with precise landing accuracy. Some key measures include:

- Permanent Magnet Motors
- Super High-Rise Rope Mechanics
- Active Roller Guides

These features not only enhance user comfort but also ensure long-term durability and safety in demanding operating conditions.

Q How do Mitsubishi products comply with Indian and international safety standards such as EN 81, ISO, and NBC norms?

Safety, quality, and sustainability have always been the pillars of our brand. All Mitsubishi Elevator products meet stringent global standards like EN 81, ISO regulations, and NBC codes. As new norms and safety regulations are introduced, we remain proactive in implementing necessary upgrades to ensure compliance and reliability.



Q What initiatives has Mitsubishi undertaken to reduce energy consumption and the carbon footprint of your VT systems?

Sustainability is integral to our design philosophy. Mitsubishi Electric has been a pioneer in introducing green elevator technologies that reduce energy consumption without compromising performance.

Our energy-efficient features include:

- Regenerative converters
- Permanent Magnet Motors with joint-lapped stators
- Automatic car light and fan shut-off
- LED lighting
- Energy-efficient door motors

By incorporating these technologies, we not only lower operational costs but also contribute to broader environmental goals.

Q Could you elaborate on regenerative drives and other eco-mode features that support sustainability?

Certainly. Some of our core sustainabil-

ity-enhancing features include:

Regenerative Converter – This allows energy generated by the elevator's traction machine during operation to be fed back into the building's electrical grid.

Permanent Magnet Motor – The joint-lapped stator enables denser winding, which increases energy efficiency and reduces motor size.

Eco-mode Functions – These include automatic shut-off of lights and fans when the elevator is idle, and Variable Traveling Speed Systems, which allow the elevator to run faster or slower depending on passenger load, thereby improving efficiency.

These innovations position Mitsubishi Elevator as a leader in sustainable vertical mobility.

Q With rising demand from Tier 2 and Tier 3 cities, how are you making your products more accessible, cost-effective, and easy to maintain?

Recognizing the growth in emerging urban centers, we developed DeLITE, a product specifically designed for the Indian market. It balances global performance standards with local affordability and simplified maintenance.

This solution enables us to serve the expanding needs of Tier 2 and Tier 3 cities—without compromising on quality or user experience.

Q Looking forward, what trends or disruptions do you foresee in the vertical mobility space, and how is Mitsubishi preparing for them?

India's luxury and high-rise real estate segments are seeing tremendous growth, fueled by increasing urbanization, rising incomes, and demand for smart infrastructure.

Key future trends include:

- Smart VT systems integrated with IoT and AI
- Predictive maintenance and remote diagnostics
- Sustainable and energy-efficient operations

India's position as the second-largest elevator market globally places us in a strategic role. Mitsubishi Elevator India is committed to driving this next chapter with intelligent, efficient, and future-ready mobility solutions.