



Dynamit Innovations
Pvt Ltd
Everything possible..

DYNAMIT INNOVATIONS PRIVATE LIMITED

"Revolutionizing High-Rise Building Safety – Where
Innovation Meets Life-Saving Solutions."



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ABOUT US

Dynamit Innovations Private Limited, established nine years ago in Kerala, is a pioneer in developing patented emergency escape technologies for high-rise buildings. Our flagship innovation, the Dynamit Fire Tower, offers a safe, quick, and user-friendly escape solution during fire emergencies.

We combine engineering expertise with a passion for social impact, ensuring life-saving innovations reach every corner of the country. With a team of 10–15 dedicated professionals, we continue to push the boundaries of safety innovation through research, design, and manufacturing excellence.

Our goal is simple — make “Everything Possible...” when it comes to saving human lives.

VISION

To make every building in India equipped with an effective, easy-to-use, and permanent fire escape system ensuring zero casualties during emergencies.

MISSION

To design, manufacture, and install innovative, patented life-saving solutions that redefine building safety standards worldwide.



PROBLEM STATEMENTS

- **Inefficient Evacuation Systems:** Current high-rise buildings rely only on staircases, which fill with smoke during fires, making escape impossible.
- **Lack of Accessible Alternatives:** Lifts and escalators are inoperable during emergencies, leaving occupants trapped.
- **Delayed Rescue Operations:** Firefighters often face restricted access, leading to delayed evacuations and higher fatalities.
- **Absence of Standardized Safety Innovation:** No universal, affordable, or permanent self-escape system exists for multi-storey structures.





OUR SOLUTIONS

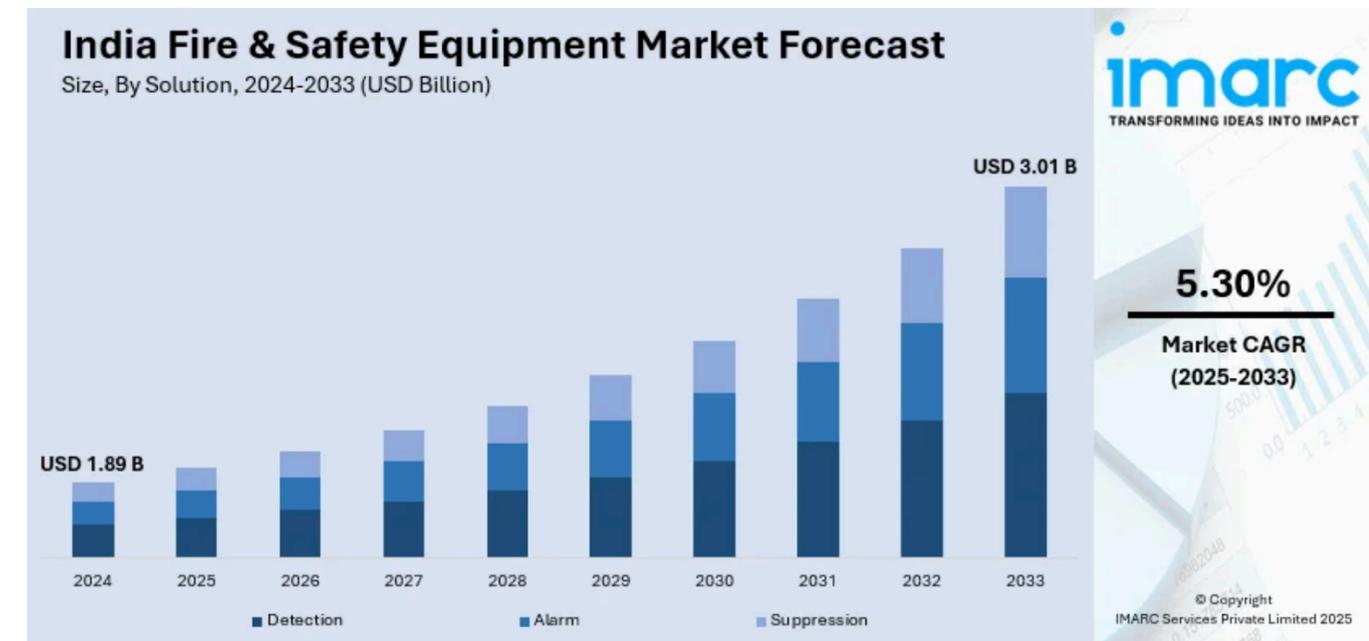
- **Dynamit Fire Tower System:** A permanent sliding chute with controlled descent, inspired by aircraft emergency slides.
- **Zero Training Required:** No special skill or preparation needed – fully automatic operation ensures ease for all ages.
- **Multi-Level Access:** Can be installed inside or outside any building, accessible from each floor.
- **Fire-Resistant & Patented Design:** Equipped with friction-control water systems and a patented speed-regulating mechanism for safe descent.

UNIQUE SELLING POINTS

- **Patented Technology:** Exclusive Indian and US patents ensure market monopoly and trust.
- **User-Centric Safety Design:** No accessories, training, or external help required.
- **Universal Application:** Suitable for residential towers, hotels, hospitals, and offices.
- **Government & Media Recognition:** Supported by BARC, featured in The Hindu and Malayala Manorama for its innovation and social impact.

MARKET SIZE

According to the IMARC Group report, the India fire & safety equipment market was valued at **USD 1.89 billion in 2024**, and is projected to reach **USD 3.01 billion by 2033**, growing at a compound annual growth rate **(CAGR) of 5.30% from 2025–2033**.



TARGET MARKET LIST

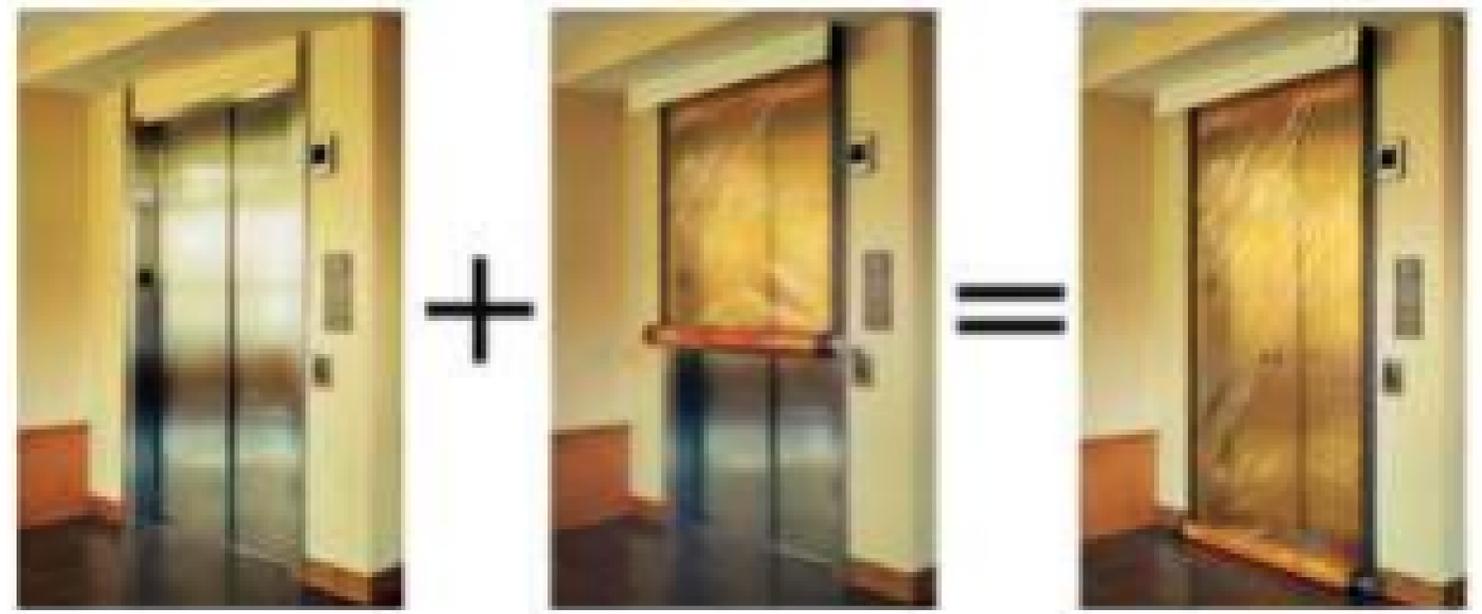
- Residential Apartments
- Commercial Buildings
- Hotels and Resorts
- Hospitals and Educational Institutions
- Government Buildings
- IT Parks and Corporate Towers
- Shopping Malls and Multiplexes
- Airports and Metro Stations

GO-TO-MARKET STRATEGY

- **B2B Collaborations:** Partner with construction firms, architects, and safety consultants for pre-installation integration.
- **B2G Engagements:** Collaborate with state fire departments and Smart City projects for bulk installations.
- **Awareness & Demonstration Campaigns:** Real-life demos in collaboration with NDRF and state safety boards.
- **Patent-Driven Expansion:** Leverage exclusive patents for licensing and franchise-based manufacturing across India.

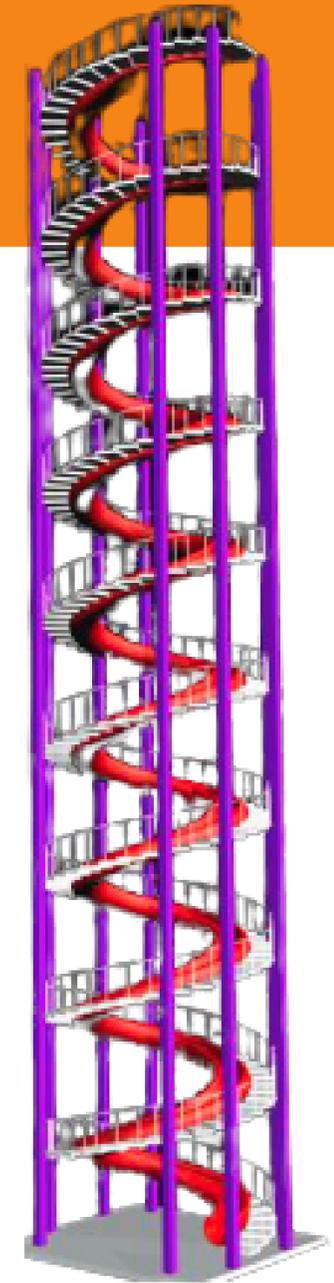
REVENUE MODEL

- **Direct Sales & Installation:** System priced based on building height (₹8 lakh for 5-storey, ₹1.5 lakh per additional level).
- **Maintenance Contracts:** Annual maintenance for safety checks and system optimization.
- **Licensing & Franchise:** Licensing patented technology to certified manufacturers nationwide.
- **Institutional Projects:** Turnkey solutions for government and corporate clients under safety regulations.



AIM TO SCALE UP

- **Phase 1 (0–12 Months):** Prototype refinement and large-scale demo in a multi-storey government building.
- **Phase 2 (1–2 Years):** Expand installations across metro cities and build partnerships with construction groups.
- **Phase 3 (2–4 Years):** Begin exports and technology licensing for international safety integration.
- **Phase 4 (5 Years+):** Establish full-scale automated manufacturing plant and global brand presence in emergency safety solutions.



FUND UTILIZATION



Purpose	%	Description
Manufacturing & Setup	35%	For machinery, fabrication unit, and prototype development.
R&D and Product Testing	20%	Continuous innovation and material safety upgrades.
Marketing & Awareness	15%	Demonstrations, exhibitions, and brand campaigns.
Team & Operations	10%	Hiring skilled engineers and operations staff.
Working Capital & Administration	10%	Day-to-day running expenses and logistics.
Licensing & Certification	10%	BIS, fire safety approvals, and international compliance.

KEY PERSON



M C DAVID

FOUNDER

With over 25 years of professional experience and a strong academic foundation in B.Sc. Mathematics, I have built a career grounded in innovation, problem-solving, and practical execution. As the Founder and CEO of Dynamit Innovations Private Limited, I have dedicated myself to developing impactful technologies that improve public safety and everyday living standards.

Throughout my journey, I have successfully led teams, managed large-scale projects, and guided multiple innovations from concept to patent. My focus remains on creating sustainable, real-world solutions through research, strategic leadership, and technical precision. I believe that innovation is not just about invention—it's about making life safer, simpler, and more efficient for everyone.

**Thank
You.**
