

BUILDING & CONSTRUCTION

INDIA'S best Magazine for Building, Construction & Infrastructure Industry

UPDATE



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ADVANCING SCAFFOLDING & FORMWORK SOLUTIONS FOR MODERN CONSTRUCTION

India's Construction Sector is Witnessing a Decisive Shift Towards Engineered Formwork Systems that Deliver Speed, Safety, Precision, and Sustainability. As Infrastructure Projects Scale Up and Urban Housing Demand Accelerates, the Need for Advanced Scaffolding and Formwork Solutions has Become more Critical than Ever.

I-FORM ALUMINIUM & DESIGN LLP Stands at the Forefront of this Transformation, Delivering High-Performance Aluminium Formwork Technology and Engineered Construction Solutions Tailored for Modern High-Rise Developments.

Engineering Precision Through Aluminium Formwork Technology

Aluminium Formwork Technology Has Redefined Structural Execution for Repetitive, Multi-Storey Projects. Designed for Accuracy and Durability, I-FORM's Formwork Enable Seamless Monolithic Construction — Casting Walls, Slabs, Beams, and Columns in a Single Pour.

This Integrated Approach Offers:

- Superior Dimensional Accuracy
- Consistent Structural Integrity
- Smooth Concrete Finish with Minimal Plastering
- Faster and Predictable Floor Cycles
- High Reusability Across Multiple Repetitions

Lightweight Yet Structurally Robust, Aluminium Panels Allow Efficient Handling and Quick Assembly, Reducing Downtime and Enhancing Productivity on Site and Minimising Wastages.

Strengthening Safety with Engineered Systems

Scaffolding and Formwork are Not Merely Temporary Structures — They are Critical Engineering Components that Influence Project Safety and Stability. I-FORM Emphasizes Systematic Planning, Load Calculation, and Quality Control to Ensure Safe Execution Under Dynamic Construction Loads.

By Integrating Advanced Design Methodologies and Stringent Inspection Protocols, I-FORM Delivers Solutions that Comply with Project Specifications and Industry Standards, Minimizing Risks and Ensuring Structural Reliability Apart from Quality.

Speed As a Strategic Advantage

In Today's Competitive Construction Landscape, Timely Delivery is a Defining Factor. Delays Impact Financial Planning, Stakeholder Confidence, and Overall Project Viability.

I-FORM's Aluminium Formwork Technology Enables Accelerated Construction Cycles, Allowing Developers to Achieve Faster Slab Completion Timelines While Maintaining

Uniform Quality Across Floors. The Repeatable Design Ensures Efficiency in Large-Scale Residential Towers, Commercial Complexes, and Infrastructure Projects.

The Result Is Optimized Manpower Utilization, Reduced Material Wastage, and Improved Project Predictability.

Sustainable & Cost-Effective Construction

Sustainability is Embedded in I-FORM's Operational Philosophy. Aluminium Formwork Significantly Reduces Dependence on Timber and Supports Multiple Reuse Cycles, Lowering Environmental Impact. Precision Engineering Minimizes Rework and Concrete Wastage, Contributing to Resource Efficiency.

While the Initial Investment in Aluminium Formwork may be Higher than Conventional Systems, the Lifecycle Benefits — Including Durability, Speed, and Reduced Finishing Costs — Deliver Strong Long-Term Economic Value.

Technical Expertise & Collaborative Approach

Every Project Demands Detailed Coordination between Architects, Structural Consultants, Contractors, and Site Teams. I-FORM's Engineering Team Works Closely with Stakeholders to Develop Accurate Shop Drawings, Optimized Panel Layouts, and Execution Strategies Aligned with Project Timelines.

This Collaborative Approach Ensures Smooth Implementation from Design to Dismantling, Reinforcing I-FORM's Reputation as a Reliable Technology Partner.

Supporting India's Infrastructure Growth

With Increasing High-Rise Developments and Rapid Urbanization, the Demand for Advanced Scaffolding and Formwork Solutions Continues to Grow. I-FORM ALUMINIUM & DESIGN LLP is Committed to Delivering Innovative, Precision-Driven Solutions that Support India's Expanding Infrastructure Landscape.

Through Engineering Excellence, Systematic Execution, and Quality Assurance, I-FORM Contributes to Building Structures that are not Only Faster to Construct but Stronger and more Sustainable.

Conclusion

Scaffolding and Formwork Technology Form the Backbone of Structural Execution. In this Special Issue on *Scaffolding & Formwork*, I-FORM ALUMINIUM & DESIGN LLP Reaffirms its Commitment to Advancing Engineered Construction Methodologies that Combine Speed, Safety, and Precision.

By Embracing Innovation and Maintaining Uncompromising Quality Standards, I-FORM Continues to Shape the Future of Modern Construction.

**BUILD FASTER
BUILD SMARTER
BUILD WITH I-FORM**



I-FORM ALUMINIUM & DESIGN LLP

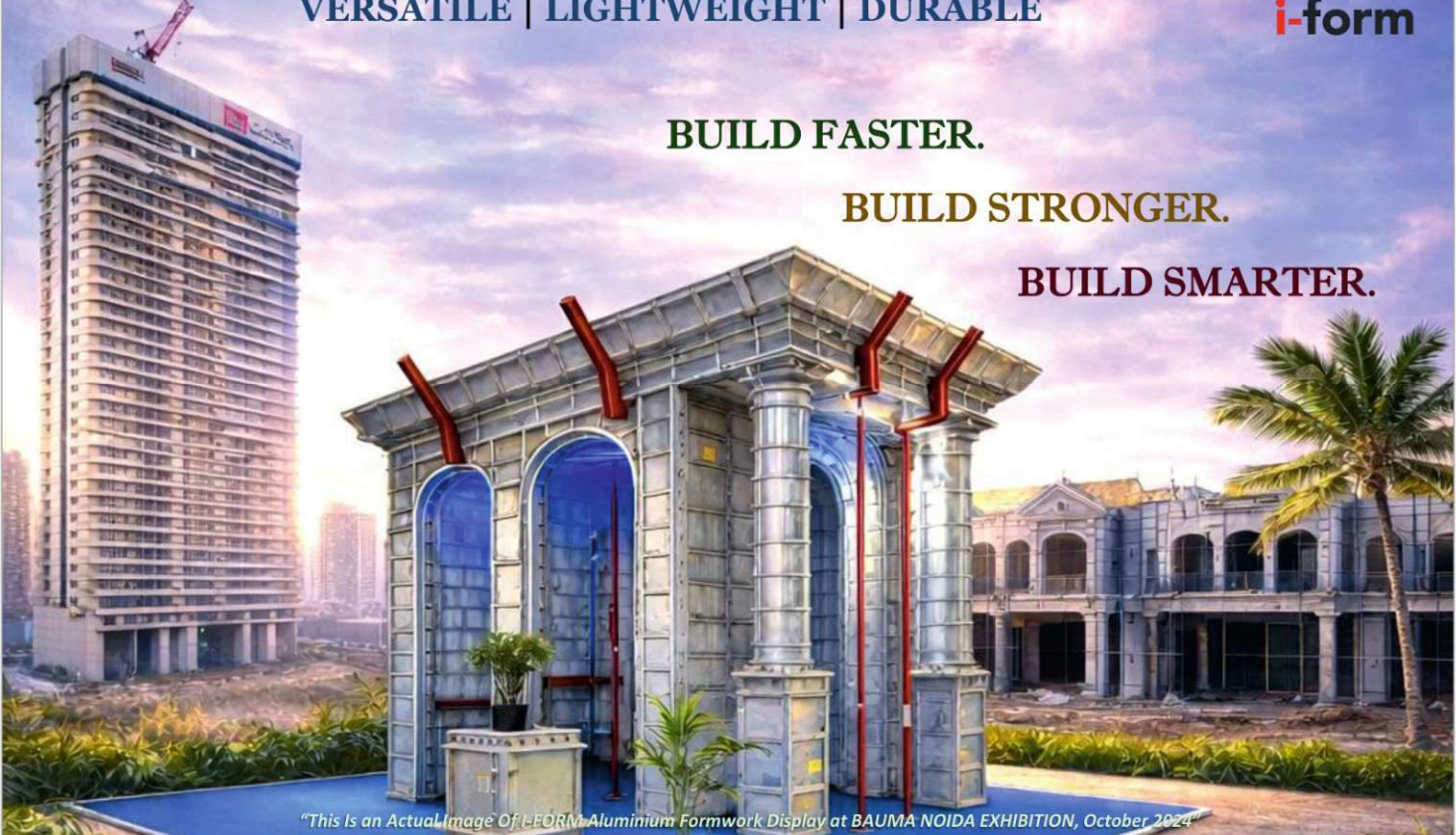


VERSATILE | LIGHTWEIGHT | DURABLE

BUILD FASTER.

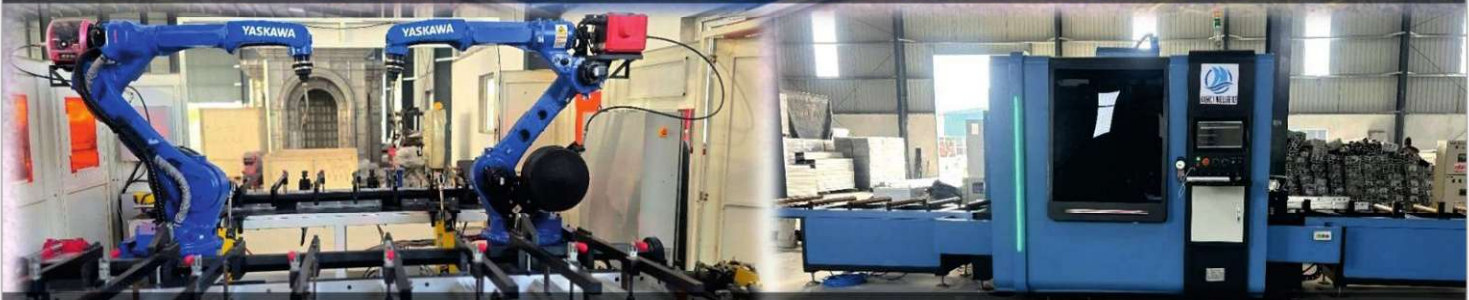
BUILD STRONGER.

BUILD SMARTER.



"This is an Actual Image Of I-FORM Aluminium Formwork Display at BAUMA NOIDA EXHIBITION, October 2024"

I-FORM Aluminium & Design LLP is One of India's Fastest-Growing Companies in Precision-Engineered Aluminium Formwork Technology, Delivering High-Performance Solutions for **HIGH-RISE RESIDENTIAL | PREMIUM VILLAS | COMMERCIAL | INFRASTRUCTURE** Projects.



Advanced Automated Manufacturing

Yaskawa Automated Robotic Welding Machinery and Robotic FSW for Aluminium Stiffeners

Our Aluminium Formwork Solutions Deliver:

- Rapid Construction Cycles
- Superior Concrete Finish
- Reduced Labour Dependency
- High Reusability & Long Service Life
- Safer, Cleaner, and More Efficient Site Execution

8.5+ LAKH SQM

~ SUPPLIED ~

400+ PROJECTS

~ EXECUTED ~

7.23 ACRES

~ FACTORY ~

200+

~ CLIENTS ~



VENKATESH KANDIKATTI
Founder & Managing Director

An IIT Kharagpur and IIM Lucknow Alumnus with Strong Expertise in Operations Strategy & Project Management. He has Led Major Projects such as Lodha Palava and Runwal Gardens, Currently Drives I-FORM's Business Development, Growth and CRM.



MALLESH VANGA
Founder & Chairman

A Pioneer in Aluminium Formwork with 25+ Years of Experience Across Malaysia, Korea, and India. He Introduced the Aluminium Formwork to India and Leads I-FORM's Product Development, Design & Operations with a Focus on Design, Product Innovation and Quality.

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