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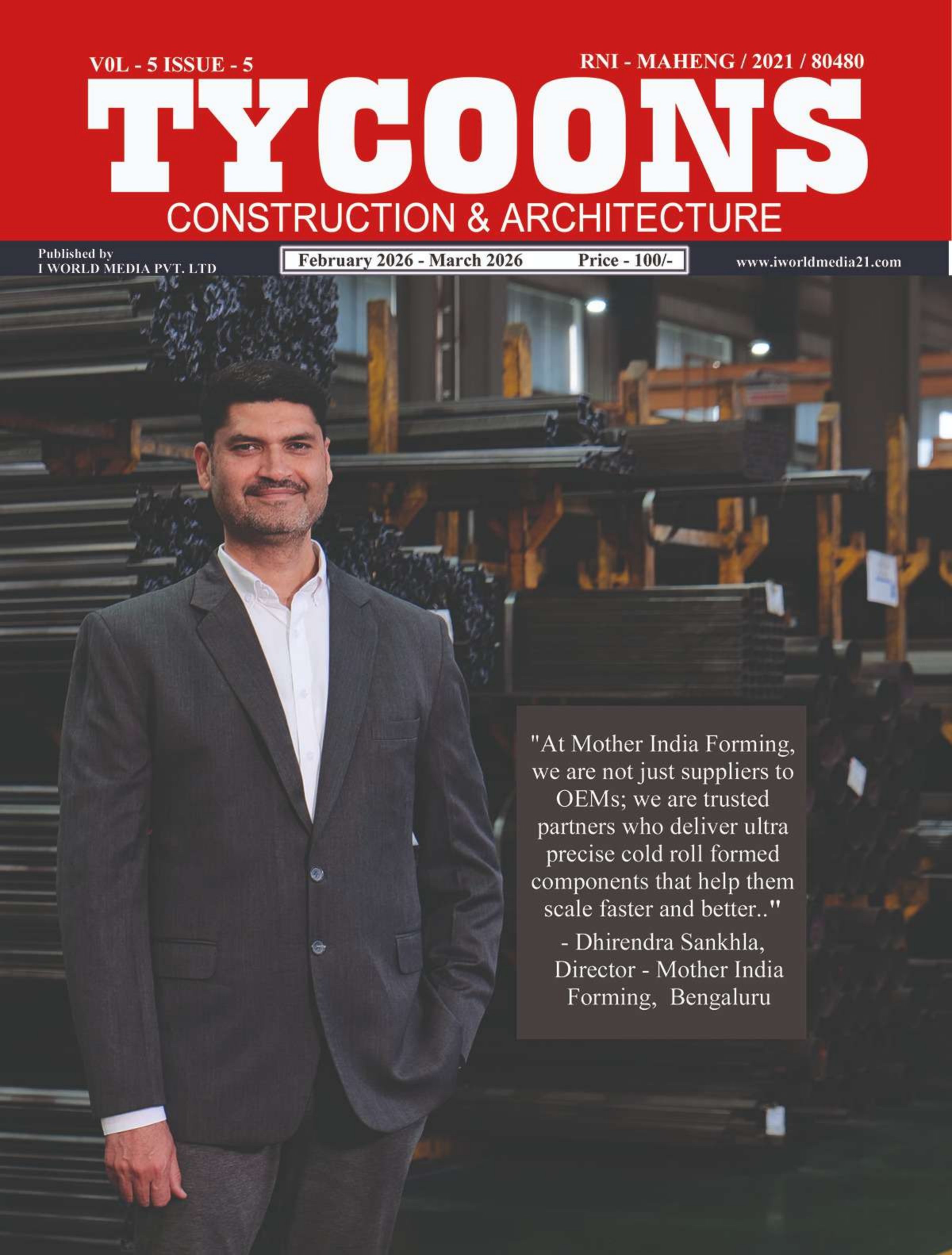
CONSTRUCTION & ARCHITECTURE

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"At Mother India Forming, we are not just suppliers to OEMs; we are trusted partners who deliver ultra precise cold roll formed components that help them scale faster and better.."

- Dhirendra Sankhla,  
Director - Mother India  
Forming, Bengaluru

## I-FORM ALUMINIUM AND DESIGN LLP

### Innovation Driving the Future of Aluminium Formwork in Construction

The Construction Industry is Undergoing a Significant Transformation as Developers and Contractors Seek Faster Execution, Higher Quality, and Greater Reliability. Traditional Construction Methods are Increasingly Challenged by Labour Dependency, Extended Timelines, and Inconsistent Outcomes. In Response, Technology-Driven Solutions such as Aluminium Formwork Systems are Redefining How Modern Structures are Built.

At **I-FORM Aluminium & Design LLP**, Innovation is at the Core of Both Manufacturing and Execution. The Company's Aluminium Formwork Solutions are Designed to Deliver Precision, Speed, and Reusability—Essential Requirements for Today's Fast-Paced Construction Environment.

A Key Driver of this Precision is the Integration of **Advanced Automatic Robotic Welding** within the



Manufacturing Process. Robotic Welding Enhances Consistency Across Formwork Components by Ensuring Uniform Joints, Dimensional Accuracy, and Reliable Structural Performance. This Automated Approach Reduces Variations that Can Occur with Manual Processes and Supports Long-Term Durability—An Essential Factor for Formwork Systems Designed for High Reuse Across Multiple Project Cycles.

Further Strengthening this Capability is the Adoption of **Robotic Friction Stir Welding (FSW)**, Particularly for



Aluminium Stiffeners. As a Solid-State Welding Process, FSW Produces Strong, Defect-Free Joints While Minimising

Distortion. This Technology Plays an Important Role in Maintaining Panel Stability and Alignment, Contributing to Smoother Assembly and Dependable On-Site Performance. By Combining Robotic Welding and Robotic FSW, I-FORM Ensures that Formwork Components Meet Demanding Quality Standards without Compromising Efficiency.

These Advanced Manufacturing Practices Translate Directly into On-Site Benefits. Precision-Engineered Aluminium Formwork Supports **Faster Construction Cycles, Superior Concrete Finishes, Reduced Rework, and Safer Site Operations**. The Systemised Nature of the Formwork also Helps Minimise Labour Dependency and Promotes Cleaner, more Organised Execution.

I-FORM's Aluminium Formwork Technology is Widely Applied Across Diverse Construction Segments. In **High-Rise Residential Projects**, the System Enables Rapid Floor Cycles and Consistent Quality Across Repeated Levels. For **Villas and Low-**



**Rise Residential Developments**, it Supports Architectural Flexibility While Maintaining Speed and Finish Standards. In **Commercial Buildings and Infrastructure Projects**, Aluminium Formwork Provides the Strength, Durability, and Precision Required for Complex Structural Requirements and Tight Project Timelines.

Beyond Manufacturing, I-FORM Offers End-To-End Support—From Design Coordination and System Planning to Execution Guidance and Refurbishment Optimisation. This Integrated Approach Ensures that Innovation Introduced at the Factory Level Delivers Measurable Value on Site.

As India's Construction Landscape Continues to Evolve, the Combination of **Automation, Engineering Precision, and Execution Expertise** Will Define the Future of Building. With its Focus on Advanced Robotic Welding Technologies and Versatile Aluminium Formwork Solutions, I-FORM Aluminium & Design LLP is Helping Shape that Future—One Project at Time.

**Build Faster. Build Stronger. Build Smarter.**

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**BUILD STRONGER.**

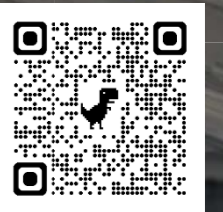
**BUILD SMARTER.**



"This Is an Actual Image Of I-FORM Aluminium Formwork Display at ACETECH HYD EXPO, January 2026"

Let's Build with Precision. Let's Build with I-FORM.

- Precision-Engineered Aluminium Formwork
- Advanced Robotic Welding & FSW Technology
- Faster Cycles with Reduced Labour Dependency
- High Reusability & Sustainable Execution



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