



TAILOR-MADE COMPOSITE SOLUTIONS

DESIGN • FEA • PROTOTYPING • TOOLING

Precision. Innovation. Exclusivity.

Edge Studio is the innovation-focused, high-performance engineering division under CREO, built for clients who demand more than off-the-shelf composite solutions. We specialize in tailor-made composite engineering—designed from concept to execution, strictly as per client-specific requirements. Every project is approached with deep technical rigor, strategic confidentiality, and a philosophy rooted in innovation. At Edge Studio, we believe that excellence lies in engineering-first thinking. From load-critical components to high-aesthetic prototypes, we serve OEMs, infrastructure majors, and specialized sectors where performance cannot be compromised—and confidentiality is non-negotiable.

CORE SERVICES

Design & Engineering

From blank sheet to virtual validation, our expert CAD and conceptual design teams bring your ideas into engineered reality. We work closely with your functional, aesthetic, and environmental requirements to craft viable concepts tailored for manufacturability, performance, and compliance.

FEA & Simulation

We deploy advanced Finite Element Analysis (FEA) and multiphysics simulation to predict structural behavior under real-world loads, temperature, and stress. This phase enables optimized weight-to-strength ratios, material savings, and design safety—especially in demanding applications like infrastructure, mobility, and energy.

Prototyping

Edge Studio prototypes are not just visual models—they're built for validation. Whether for form, fit, or function, our low-volume prototypes are production-intent and ready for mechanical testing. We also support pilot-batch production, enabling fast-track approvals for critical timelines.

Testing & Compliance

We facilitate in-house and accredited third-party testing aligned with BIS, ASTM, and ISO standards. From tensile strength to UV resistance, chemical durability to fire retardancy—every product is qualified against client-specific benchmarks. Our robust documentation ensures seamless certification or client audit processes.

Tool Design & Development

Tooling is the backbone of scalable composite manufacturing. We design and manufacture high-precision FRP molds and jigs tailored to client volumes—be it short runs or full-scale production. Our tooling ensures dimensional consistency, minimized rejection rates, and seamless integration into your production line.

Apply-to-Supply Execution

Edge Studio offers full-cycle execution—from technical feasibility to final product delivery. We don't just design; we deliver. With controlled manufacturing through CREO's production ecosystem, we ensure quality, traceability, and project transparency across every phase of execution.

INDUSTRIES SERVED

Infrastructure & Urban Planning

Heavy-load covers, smart drainage components, and customized architectural composites—engineered for longevity and urban efficiency.

Water & Utility Management

Corrosion-resistant, lightweight composite solutions for tanks, enclosures, and covers used in aggressive water and sewage environments.

Automotive & Mobility

Function-integrated composite parts and lightweight enclosures for automotive and electric mobility platforms.

Energy & Renewables

UV-stable, high-strength composite components for solar, wind, and clean energy installations.

Defense & Security

Confidential, high-performance structural and shielding parts—engineered for robustness and mission-critical reliability.

Emerging Sectors

From green construction to circular material applications, Edge Studio is agile and future-ready—co-developing with clients for new markets and standards.

EXECUTION WORKFLOW

Collaborative. Confidential. Agile.

Edge Studio operates on an iterative, agile model with full client visibility and control. Every engagement is structured under a confidentiality-first framework (including NDAs at the enquiry stage), ensuring IP protection and peace of mind. We believe in close engineering dialogue—where your technical teams and our solution experts work as one. This results in faster iteration cycles, smarter design decisions, and delivery timelines you can trust. Our unique blend of engineering rigor and execution agility sets us apart in the composite landscape.

WHY EDGE STUDIO?

- Tailor-made solutions for complex problems
- Design-led approach backed by CREO's manufacturing depth
- Fast development cycles without compromising reliability
- Trusted by OEMs and infrastructure leaders across sectors
- Single-point responsibility from concept to supply

READY TO BUILD WHAT'S NEXT?

At Edge Studio, we don't sell products—we solve engineering challenges. Bring us a problem, a concept, or even a vision. We'll sign the NDA, assemble a dedicated team, and deliver a solution engineered exclusively for you.

Contact Us

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