

CARBON COMPOSITE MANUFACTURER

VERTICALLY INTEGRATED CARBON FIBER SOLUTIONS

Aerospace | UAV | Sporting Goods | Industrial

Made in
VIETNAM



IN-HOUSE PRODUCTION PROCESS

01



1. CARBON FIBER
SPINNING



02



2. PREPRES
MANUFACTURING



03



3. LAYUP & MOLDING
(AUTOCLAVE / PRESS)

04



4. CHC MACHINING



05



5. SURFACE FINISHING
& COATING



06



6. QUALITY INSPECTION
& PACKAGING

COMPANY OVERVIEW

ABOUT US

We are a vertically integrated carbon composite manufacturer located in Saigon, Vietnam, specializing in advanced materials and precision-engineered products.

We control the full process—from carbon fiber preparation and prepreg production to molding, machining and final assembly—ensuring consistent quality, faster development and reliable supply.

CORE COMPETENCIES

- Carbon Fiber Processing
- Prepreg Manufacturing
- Composite Molding
- Precision CNC Machining
- Engineering Support
- OEM & ODM Manufacturing

KEY ADVANTAGES

- ✓ Complete In-house Manufacturing
- ✓ Strong Engineering Team
- ✓ Advanced Composite Technologies
- ✓ Export Experience



ENGINEERING
Design support and
DFM expertise



ADVANCED MATERIALS
High performance carbon
fiber solutions



PRECISION MANUFACTURING
In-house production with
advanced technologies



QUALITY CONTROL
Rigorous inspection and
testing at every step



GLOBAL SUPPLY
Reliable delivery and
export experience

PRODUCT PORTFOLIO



AEROSPACE & UAV

Drone Bodies
Drone Frames
Carbon Tubes
UAV Structures



TRAVEL & CONSUMER

Carbon Luggage
Protective Cases
Premium Suitcases
Lifestyle Products



SPORTS EQUIPMENT

Hockey Sticks
Padel Rackets
Baseball Bats
Bicycle Components



INDUSTRIAL COMPONENTS

Carbon Panels
Carbon Plates
Custom Composite Parts
Carbon Tubes

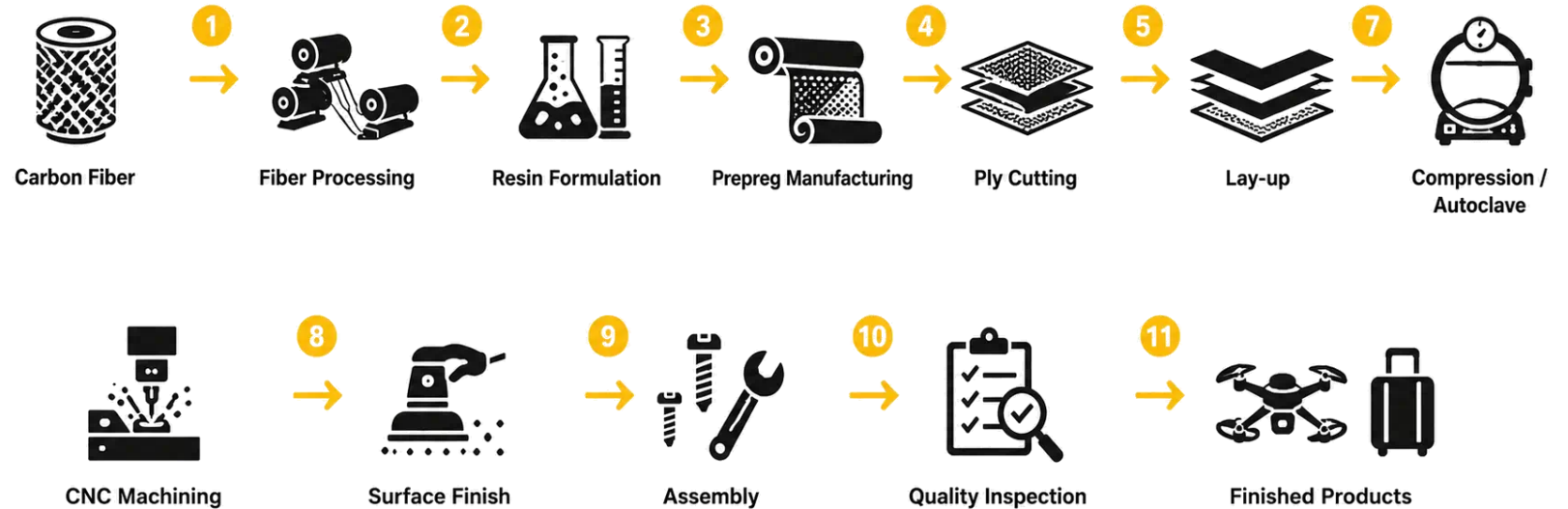


FROM CARBON FIBER TO FINISHED PRODUCT

Unlike conventional composite suppliers who outsource multiple production stages, our vertically integrated manufacturing model enables complete control over material quality, process consistency and production efficiency.

Customer Benefits

- ✓ Better Quality Consistency
- ✓ Faster Product Development
- ✓ Lower Manufacturing Risk
- ✓ Reduced Supply Chain Complexity
- ✓ Improved Cost Control



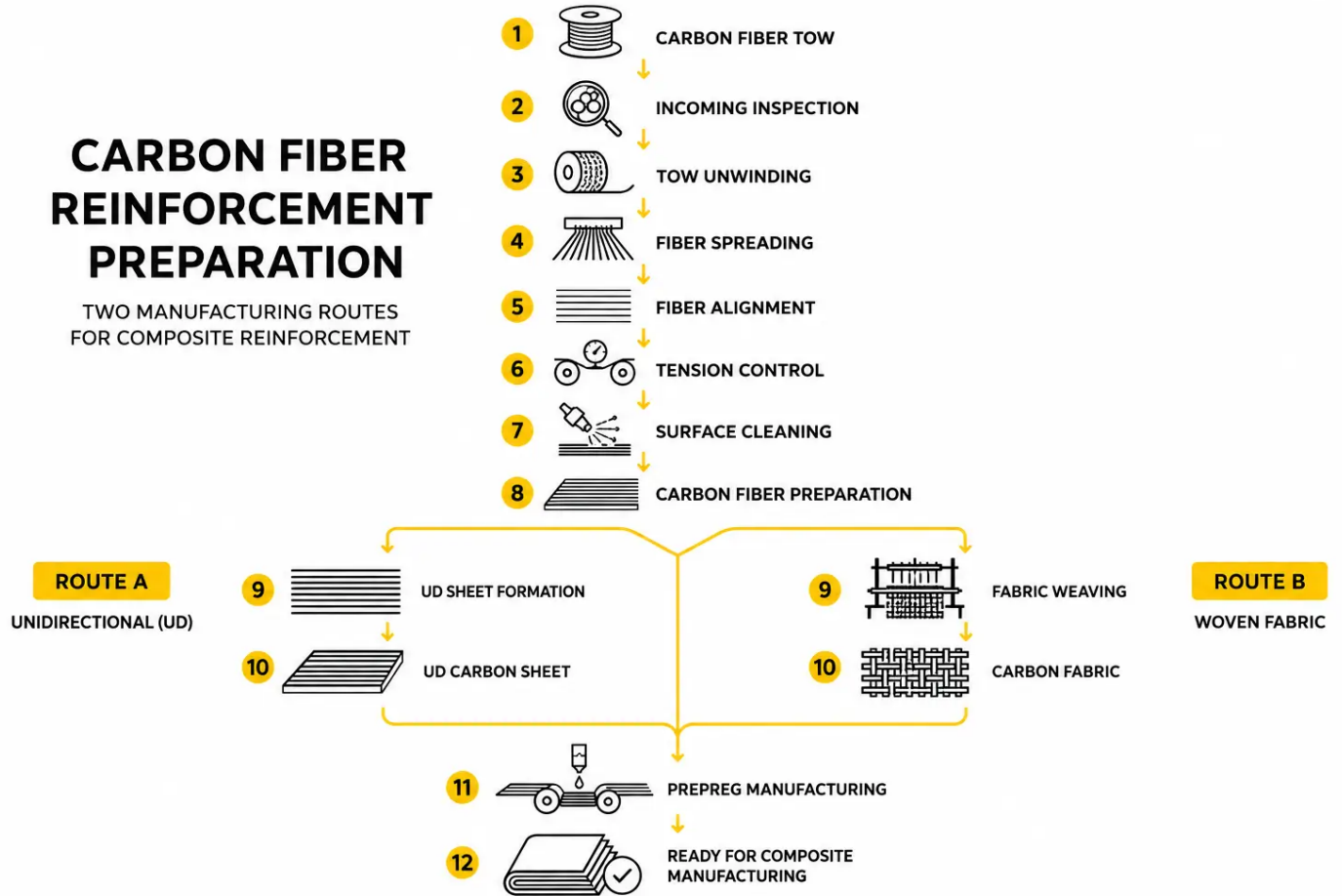
CARBON FIBER PROCESSING

Carbon fiber quality determines the strength, stiffness and consistency of composite products.

Our in-house fiber preparation process ensures precise alignment and optimized material performance.

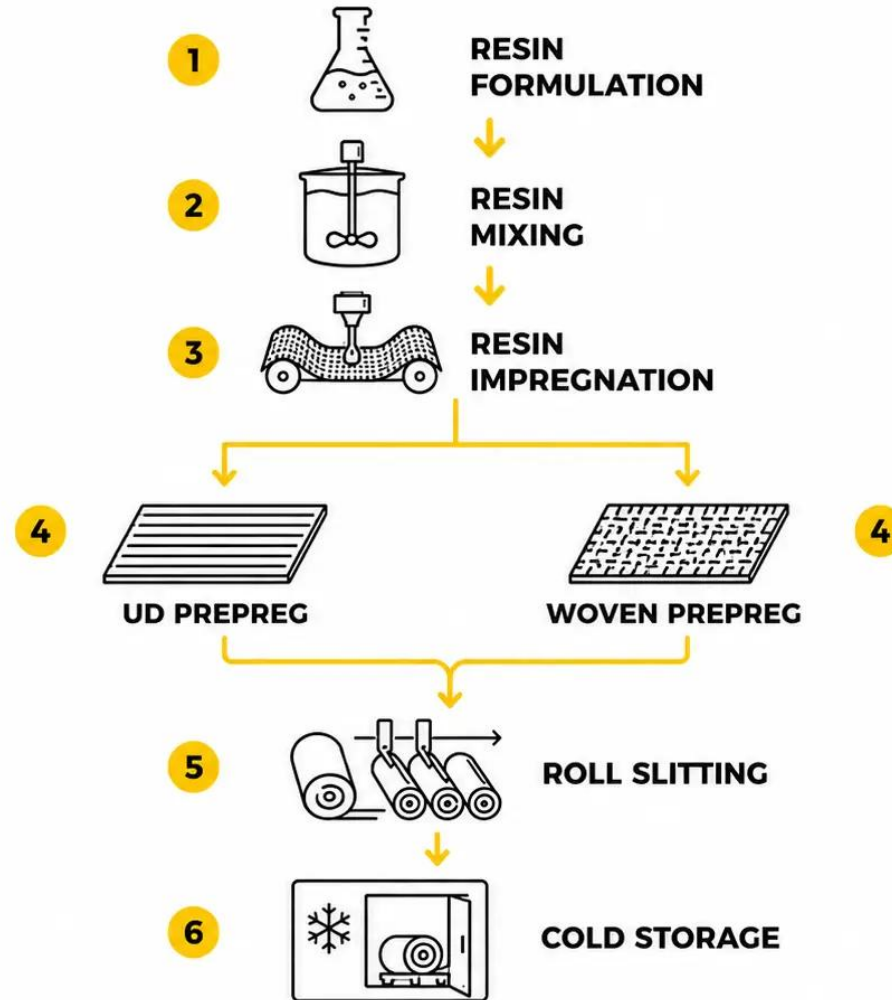
Core Capabilities

- ✓ Dual Reinforcement Technologies (UD & Woven)
- ✓ In-house Carbon Fiber Preparation
- ✓ Precision Fiber Alignment
- ✓ Automated Tension Control
- ✓ Material Traceability
- ✓ Consistent Material Preparation



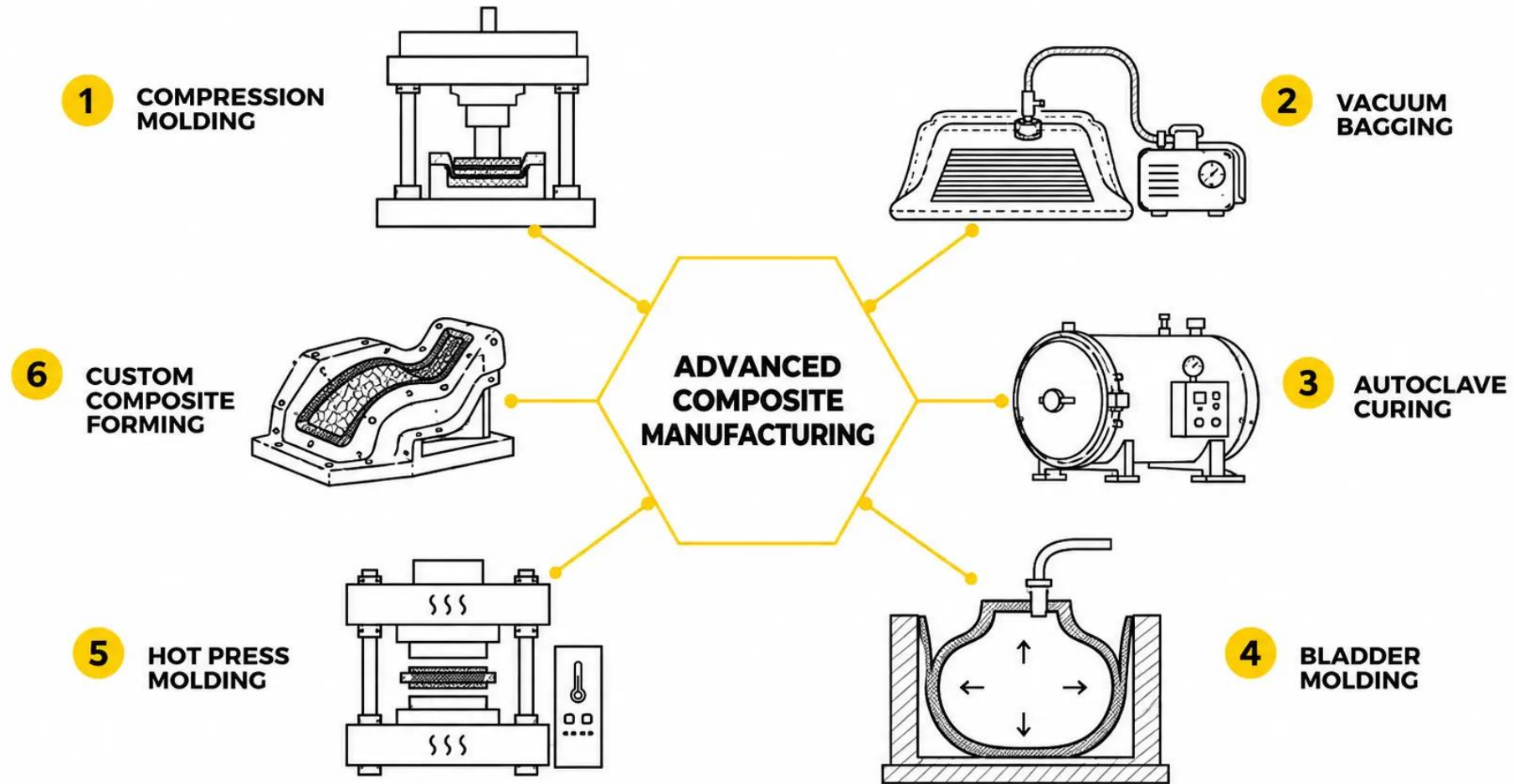
IN-HOUSE PREPREG MANUFACTURING

In-house prepreg production enables precise control of resin content, fiber distribution and curing consistency.



COMPOSITE FORMING TECHNOLOGIES

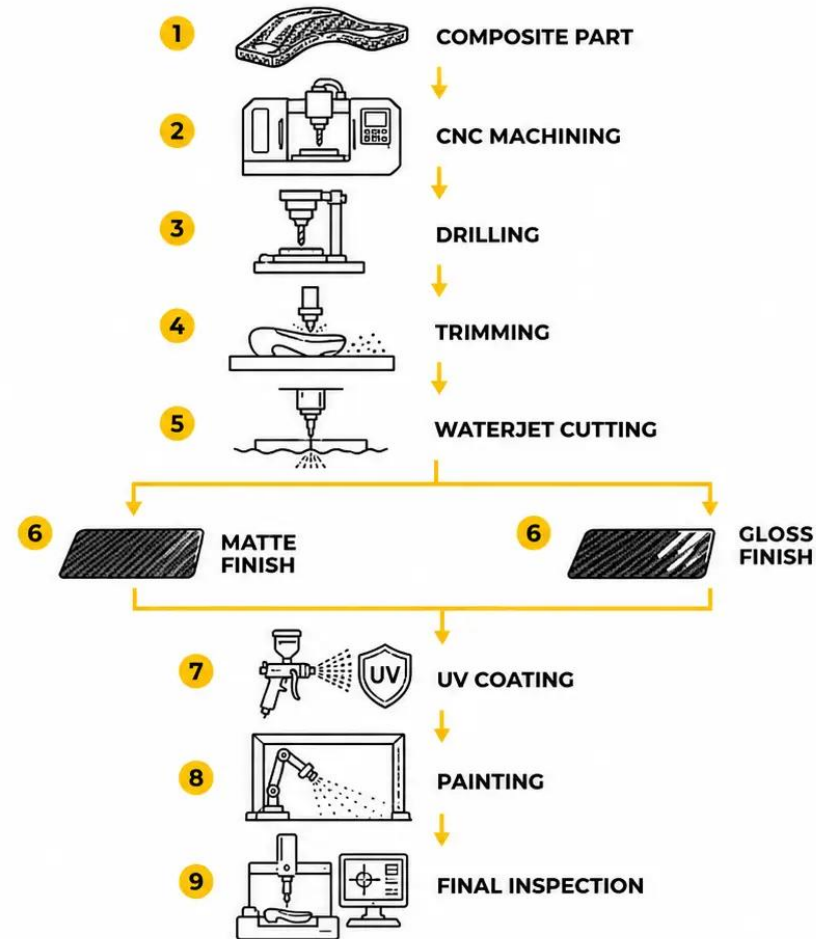
Multiple composite forming technologies enable optimized strength, weight and manufacturing efficiency for different applications.



PRECISION MACHINING & SURFACE FINISHING

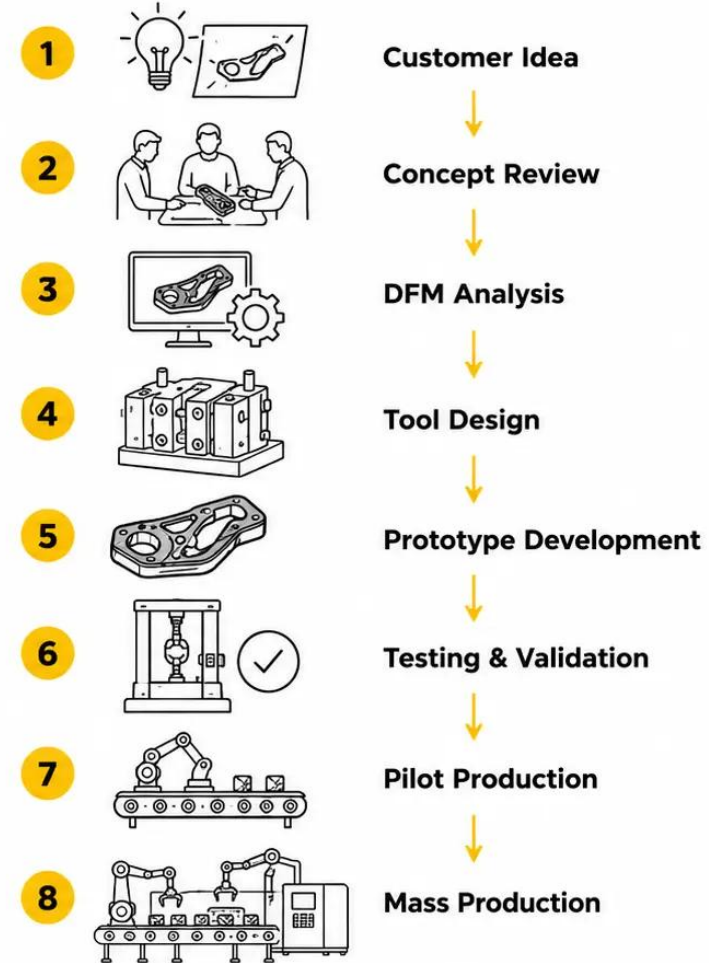
Composite manufacturing does not end after molding.

Precision machining and premium surface finishing ensure every component meets demanding dimensional and cosmetic requirements.



ENGINEERING DEVELOPMENT PIPELINE

We support customers from concept development through tooling, prototyping, validation and mass production.



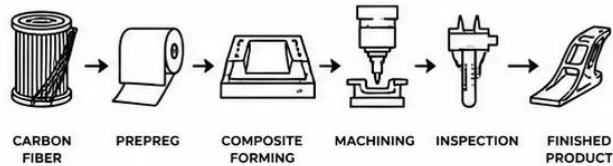
QUALITY ASSURANCE

Quality is embedded throughout every stage of manufacturing—from raw material inspection to final shipment—to ensure consistent performance, precision and reliability.



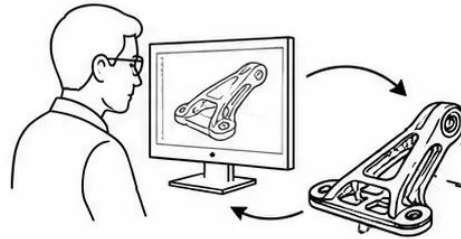
WHY PARTNER WITH US

Quality is embedded throughout every stage of manufacturing—from raw material inspection to final shipment—to ensure consistent performance, precision and reliability.



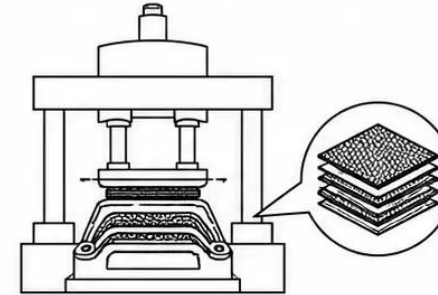
1 FULL VERTICAL INTEGRATION

Complete in-house manufacturing from carbon fiber preparation to finished products.



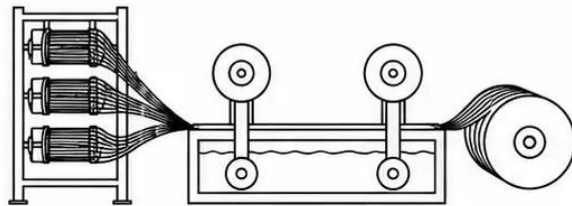
2 ENGINEERING PARTNERSHIP

Supporting customers from concept development to mass production.



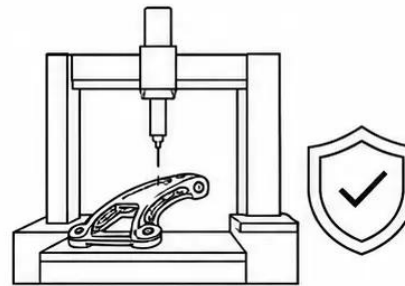
3 ADVANCED COMPOSITE MANUFACTURING

Industry-leading composite processing and forming technologies.



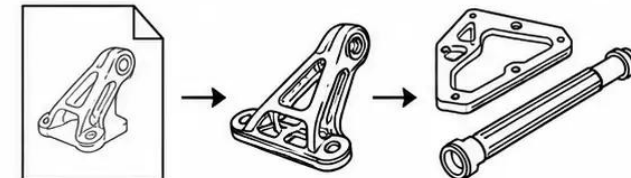
4 IN-HOUSE PREPREG PRODUCTION

Consistent material quality and optimized mechanical performance.



5 PRECISION QUALITY ASSURANCE

Integrated quality control with complete process traceability.



6 OEM & ODM SOLUTIONS

Flexible manufacturing for prototype, pilot and mass production.

THANK YOU

Let's Build
Lightweight Innovation Together

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