



## Tasuns Composite Technology Co.,Ltd

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1. **CNC Cutting Service** by clients drawing, it need **AutoCAD dwg./dxf. format** drawings.
2. Material: 3K Carbon Fiber Sheet&Black UD Carbon Fiber Sheet
3. Thickness: 0.2mm-50mm
4. Surface: Plain Glossy, Plain Matte, Twill Glossy, Twill Matte, Dull Polish
5. standard size of 400\*500mm and 500\*500mm,500\*600mm, 500\*1000mm,600\*1000mm and 1000\*1000mm,1200\*1000mm and 5000mm\*2000mm

### **6. Customer design is classified**

Carbon fiber is a very high carbon fiber is a very high emerging special fibers, with the general carbon material owned by the high temperature, friction, conductivity, thermal conductivity and corrosion resistance and other characteristics, in addition to anisotropy and flexibility.

Carbon fiber sheet/plate/board is precisely a composite made of carbon fiber and resin. From the hardness and strength of the resin is easy to view, but the inherent characteristics of the resin in the process of making Yan bamboo poor energy, cutting heat is not easy to spread, the internal temperature is high, serious burning resin or soften the resin The Carbon fiber material, then its hardness is high brittleness, when the bending and shear stress is too large when easy to break, the force is too small can not be processed. Therefore, the cutting of the plate to pay special attention to the choice of tools and control. In addition, the ambient temperature, humidity and other factors will also affect the processing results. In addition, the use of different tools, cutting the intensity, the time interval should be different, in addition, the ambient temperature, humidity and other factors will also affect the processing results.

## Product Description

<b>Place of Origin:</b>	China
<b>Supply Type:</b>	Make-to-Order
<b>Raw Material:</b>	Carbon Fiber Fabric&Epoxy Resin
<b>Weave:</b>	Twill/Plain/UD
<b>Type:</b>	1K, 1.5K,3K,6K,12K carbon fiber sheet, regular use 3K
<b>Surface Finish:</b>	Glossy/Matte/Dull Polish
<b>Density:</b>	1.5g/cm <sup>3</sup>
<b>Thickness:</b>	0.2mm-50mm
<b>CF content:</b>	Full Carbon/Half Carbon
<b>Dimensions:</b>	200x250mm,400x500mm,500x500mm,500x600mm,600x600mm,1200x1000mm,2000*5000mm, etc customized
<b>More Service:</b>	Carbon Fiber Sheet CNC Cutting by Clients Drawings, it need AutoCAD dwg./dxf. format drawings.

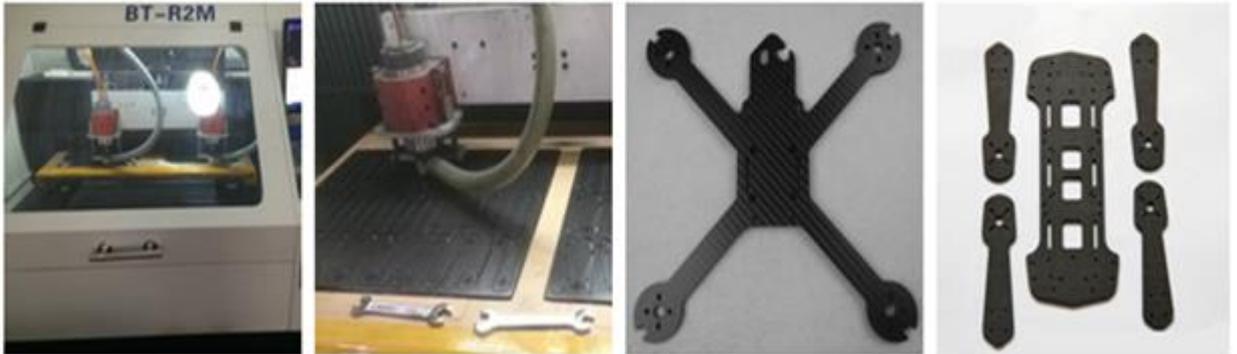
### Carbon Fiber Materials Datasheet

Properties	Unit	Result	Properties	Unit	Result
<b>Fiber Volume Content</b>	%	68	<b>Modulus of Elasticity</b>	N/mm	185000
<b>Resin Content</b>	%	32	<b>Interlaminar Shear Strength</b>	Mpa	40
<b>Density</b>	g/cm <sup>3</sup>	1.5	<b>Volume Content Of Fiber</b>	Mpa	55
<b>Tensile Strength</b>	Mpa	2900	<b>Poisson's Ratio</b>		0.25
<b>Elastic Modulus</b>	Gpa	140	<b>Elongation Percentage</b>	%	1.7

### Carbon Fiber Materials Performance

* Light Weight - Less Density - 20% Of Steel	* Lasting Performance
* High Strength and light weight	* Excellent Structural Properties
* High Corrosion Resistance	* Environmentally Safe
* Superior Dimensional Stability	* Dimensional Stability
* Wide Temperature Range Use	* Non-Magnetic Electromagnetic
* Consistent Cross Section	* Ease Of Fabrication & Installation

## Detailed Images



## Product Application

- \* UAV, RC Toy model , Aeromodelling, Helicopter Model.
- \* Automotive
- \* Light Aircraft Tubing
- \* Medical device(X-ray, DR).
- \* Construction
- \* Duct rod / Fish rods
- \* Aerospace Instrument & Interior Supports
- \* Photography & Sound Booms
- \* Outer Space & Terrestrial Antennae Supports
- \* Corrosion Resistant Equipment Marine

- \* Sporting Goods
- \* Oil & Gas
- \* Robotic Arms & Supports
- \* Power Generation
- \* Window Shades
- \* Wastewater Treatment
- \* Advertising Panels
- \* Lifting Spars
- \* Shipbuilding

## More Main Product



## Company Equipment



### CNC

CNC cutting service for rc frame,UAV and other parts



### AUTOCLAVE

moulding service for high-standard Shaped parts like Auto, Motorcycle and other industry.



### HUGE PRESS MACHINE

High Size Carbon Fiber Sheet and Composite Sandwich Panels

## Packing & Delivery



Express Shipment (3-5days)



Air Shipment(2-4days)



Sea Shipment(30-60days)

We now offer the following CAD Design and Carbon Fiber Cutting Services

- Custom Carbon Fiber Plate Cutting to your specifications (You send the CAD File).
- Prototyping of designs
- Advice on common specifications.

How it works:

- Contact us via our "[Contact US](#)" web page if you have questions or email a description of what you need along with CAD drawings to [Rfq@t-composite.com](mailto:Rfq@t-composite.com).
- We will get back to you with a quote to cut your design.
- Pay for the work to be done. Instructions will be given for payment.
- Parts will be cut and sent out.

Pricing:

- Pricing is based on Material, Tooling used and Machine time.
- Contact us for a quote.

## FAQ

**Q: What do I need for offering a quote ?**

A: Please offer us 2D or 3D drawings (with material, dimension, tolerance, surface treatment and other technical requirement etc.) ,quantity, application or samples. Then we will quote the best price within

24h.

**Q: What is your MOQ?**

A: MOQ depends on our client's needs, besides, we welcome trial order before mass-production.

**Q: What is the production cycle?**

A: It varies a lot depending on product dimension, technical requirements and quantity. We always try to meet customers' requirement by adjusting our workshop schedule.

**Q: What kind of payment terms do you accept?**

A.: T/T, L/C, Escrow, paypal, western union, moneygram etc.

**Q: Is it possible to know how is my product going on without visiting your company?**

A: We will offer a detailed products schedule and send weekly reports with digital pictures and videos which show the machining progress.

**Q: If you make poor quality goods, will you refund our fund?**

A: We make products according to drawings or samples strictly until they reach your 100% satisfaction. And actually we won't take a chance to do poor quality products. We are proud of keeping the spirit of good quality.

**To Customers:**

Dear Friends,

That is very honor that you find our website!

In order to fast efficient reply your requirements, please send us your AutoCAD drawings to [rfq@t-composite.com](mailto:rfq@t-composite.com) .

Please also advice detail requirement like thickness, surface, quantities and tolerance. You can surely get reply within 24 hours!

Best regards,

Tasuns Composite technology Ltd.