



CARBON FIBRE TECHNOLOGY INFORMATION

Yes there are ways to make carbon wheels cheaper by speeding up production and reducing costs of CF products like; automation of tube production, injection moulding of resin / plastic with chopped filaments (fibre reinforcement) and variants of spinning, extrusion and Pultrusion.

SICASSO wheels are hand made using ultra high-end, ultra-expensive and rather more 'traditional' method called 'hand lay-up' method. The strength of CF comes from the filaments themselves, the length and the matrix (resin) it is housed in, the longer the filaments, and the correct ratio of fibre to resin, the better the product.

Our manufacturer 'make' their own 'pre-preg', in that they have a clean weaving shed, turning bobbins of Toray Carbon Filament into woven sheets, then impregnating with resin on a second machine. This is high end QC rather than the cheaper method of buying in pre-woven material from 3rd parties.

The physical carbon material is carefully cut using the same techniques as high-end garment manufacturing, to ensure that the weave is correctly oriented for the requirement, the grain and orientation of the weave can dramatically affect the end product.

No shortcuts are taken to ensure your Sicasso rims are constructed to a ultra high level but we also want them to look good too. So our rims have a nice UD cover than runs on both sides of the rim, up to the spoke face but not over it. This is important that this decorative feature is seamless, such is our attention to detail. You will not find seams on the spoke face unlike some so called high end rims.

We have gone to the extra effort so your EFFORT on the road is REWARDED.

