



## **3T and Uturn Group Bicycle Companies open new industrial horizons for Made-in-Italy carbon bicycle production**

Edi Jareci, CEO of 3T and Composite Jazz and partner of Uturn Investments, presents the ecosystem of companies that bring 3T bicycles to life and explains, *"The goal of bringing high-end carbon bicycle production back to Italy has been largely achieved, but it was not the only one. In doing so, we not only acquired know-how and industrialised it, but also built an industrial platform with a very high level of technology and specialisation, equipped with the scalability needed to potentially handle large volumes."*

In recent months, economic and geopolitical trends have led many companies in the sector to reconsider industrial production in Europe. The growing demand for quality, faster development times, and greater control over the supply chain are shifting attention back towards production models closer to target markets. **Jareci** adds: *"It was with this perspective that, starting in 2018, when the world was at peace and few foresaw the changes we are now experiencing, 3T began investing and structuring itself to bring bicycle production back to Italy. We started with a single component—the 'Torno' crankset—and later expanded to the production of high-end carbon frames built using proprietary, now-patented technologies such as the process behind 'Jazz Carbon', used for 3T's Made-in-Italy bicycle range."*

This process is based on dry carbon filament winding to create complex, stable shapes into which resin is subsequently injected using **Resin Transfer Moulding (RTM)**, this process is unique in the bicycle industry.

**Marc Hopkins**, a leading figure in carbon processing and a longtime developer of DuPont's technological processes, who contributed to the creation of 3T's factory, comments: *"Interestingly, this process—designed by Head of Engineering Enrique Pineda—is very different from the production methods followed in Asia, which are used today for 99% of bicycles on the market, and has a major advantage: it requires very little manual labor, as most of the fibre is automatically placed into the frame preform by machines, not operators. This is what makes it sustainable in Europe."*

The Uturn family office, which has held the majority of 3T since 2022, has worked since its entry to strengthen and expand this industrial vision. Alongside the specific goal of bringing much of 3T's bicycle production back to Italy, the broader objective has been the creation of an **industrial ecosystem based on Italian know-how and craftsmanship**, capable of supporting growth and developing scalable production capacity over time.

Today, as production processes are continuously refined and extended into new technologies, Uturn's bicycle companies are entering a new phase. Production volumes, initially just a few dozen bicycles, now consistently reach several thousand units per year. Designed to be easily scalable, the platform has the flexibility to expand further.

All Uturn Group bicycle companies are located in the **Bergamo and Brescia area** and provide a full range of services, from consulting and design to the creation of moulds and forms, from the industrial production of carbon frames and components to the painting and assembly of complete bicycles. 3T bicycles are the end result of a supply chain that starts with raw carbon fibre and ends with fully finished bicycles ready to ride.

The four companies in Uturn Group's Italian bicycle industrial platform are:

# 3T

- **Metamoulds:** specialised in producing in-house or client-specified moulds, based in Manerbio (BS);
- **Composite Jazz:** carbon fibre products manufacturer based in Presezzo (BG), with highly specialised know-how and proprietary patented technologies such as the 'Jazz Carbon' process;
- **We Paint:** active in frame painting and bicycle assembly, based in Montello (BG);
- **3T:** designs, manufactures in Italy, markets, and distributes high-end bicycles globally from its headquarters in Presezzo (BG).

Today, this industrial platform is fully operational and represents a unique European production base dedicated to the development and manufacturing of high-performance carbon bicycles and components.

**Jareci** concludes: *"The journey that led us to bring know-how, infrastructure, and jobs back to Europe—previously offshored—is a source of great pride for us, and we believe it represents a decisive value for those choosing a high-end bicycle.. At the same time, we strongly believe in the importance of building a system: strengthening a European industrial supply chain in the carbon sector also relies on the ability to collaborate with partners who share the same values and trust in Italian craftsmanship that inspired our journey."*