

Carbotech at 500!

The Carbotech series has reached a round figure: the 500th machine has left the factory, proving that the decision to introduce carbon fibre into the concrete industry has been a winning one.

Senago (Milan, Italy) - 5 October 2022 | CIFA proudly celebrates the **production of Carbotech machine number 500**. It's been a long time since Carbotech number one was showcased at **Bauma 2010**, after the first prototypes studied in the previous years. This is thanks in part to the impetus of the acquisition of CIFA by the Zoomlion Group, which made it possible to carry out more ambitious and pioneering projects, such as the introduction of **carbon fibre** for booms on **truck pumps and mixer pumps**. CIFA was the first to introduce carbon fibre to the concrete sector, revolutionising a field that is notoriously traditional. Since then, more customers have turned to Carbotech for its high-performance machines based on increasingly user-friendly technology. From the first models of truck pumps (K45H and K62H) and truck mixer pumps (MK25H), the Carbotech line has in fact evolved to become the current range of six models of 40 to 80 metres, unlike any others ever seen before. Each machine is equipped with the latest technological systems to simplify work on site with maximum safety. An example is the Carbotech number 500: a K47H pump with a 47-metre boom, whose last two sections are in carbon, and which has become one of CIFA's bestselling products.

Why carbon?

Carbon fibre offers several advantages and has been used for years in many fields and applications because it is light and strong and can be repaired with ease: as it is a fibre, and therefore a fabric, it does not require welding and does not suffer damage due to wear or corrosion. Once hardened with controlled heat and pressure, it becomes durable and long-lasting. The use of carbon in the manufacture of some sections of the boom of a truck pump makes the machine **lighter** and more stable and fuel-efficient or, in other words, **more economically and ecologically sustainable**. Thanks to these considerable weight savings, booms of 40, 47, 53 and 60 metres and more can be mounted on trucks where booms of shorter lengths are normally mounted; and in addition to respecting the weight limits, these new booms also guarantee a higher payload available to the operator.

The **CEO of CIFA, Davide Cipolla**, who was involved in the Carbotech project from the beginning, said: *"The Carbotech line is undoubtedly a milestone in the history of CIFA. It is by thinking "out of the box" in this way that we have been able to make the leap of quality in terms of both product and brand positioning. This has made it possible to open the doors to those customers who share with CIFA a forward-looking vision of the construction site, anticipating the needs that – until recently – looked like they would not be met any time soon. Our great and typically Italian propensity for creativity and technological innovation, combined with the practical work of those who are on construction sites every day, has led us to the production of the number 500. And we are very proud of this."*

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The Carbotech line is at the top of CIFA's range also for the **durability of the machines and safety at work**. The models are also equipped with electronic control systems (Smartronic®) and predictive systems, making the most of **digital technology**. The remote monitoring system (*CIFA Vista*) allows you to control the entire concrete supply chain, from production to laying. The company also ensures a prompt and efficient after-sales service to deal with both unforeseen events and scheduled maintenance.

It will be possible to admire the **Carbotech number 500 at Bauma**, at the CIFA area of the Zoomlion stand, together with the latest and greatest developments relating to the Energya electric series that will be presented during the fair.

About CIFA

CIFA is a manufacturer of concrete machinery and equipment, a leading company on the Italian market and one of the world's top players. Part of Chinese industrial group Zoomlion since 2008, CIFA has a strong international reach, with sales networks and technical support on every continent. What's more, CIFA is able to provide customers not only with a range of reliable and quality products but also with financial support through Zoomlion Capital Financial Services. For further information, go to www.cifa.com.

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