

CIFA at Bauma 2022: creating a sustainable site

With new electric machinery and digitised operations, CIFA is aiming to reduce emissions on site and to align itself with the goals of the Corporate Social Responsibility (CSR).

Munich (Germany) - 21 June 2022 | CIFA is on show at **Bauma 2022** at the **stand of its parent company Zoomlion, and at a stand dedicated to the "Underground" world** with a range of tunnelling and mining machinery. The company's latest innovations will be on display at these two stands: the best examples of the principles of **sustainability** that the company has been pursuing for many years with regard to its products, and which have also become central to its corporate strategy.

As Davide Cipolla, CEO of CIFA, explained: *"The concrete sector can adopt three approaches to achieve the objectives set by the 2030 Agenda: the introduction of **low-impact materials and processes, durability and the reduction of CO₂ emissions on site**. For CIFA, this means taking action both at the corporate level and with respect to its products. Our products have always been central, and for over ten years have undergone a process of innovation in the use of materials (such as carbon fibre) and new technology, with a range of electric machines and digitised systems. On the other hand, the company's adoption of the **Corporate Social Responsibility** pathway is a more recent development. This project that seen the whole workforce, from top management downwards, involved in implementing the **ESG (Environmental, Social, Governance)** principles. This has required a real paradigm shift, with environmental and social sustainability becoming the cornerstone for every activity, while fulfilling the needs of all our stakeholders, from our customers to our employees, and indeed future generations."*

So, the products on display at Bauma 2022 show CIFA's commitment to the creation of **safe, ecological and durable solutions, incorporating both high-tech innovation and Italian creativity**. Because the dedication and care with which our machines are designed and built are reflected in all our models of pumps, concrete mixers, and concrete mixing systems: reliable, efficient, and able to make a real difference.

The sustainable job site

It was at **Bauma 2013** that CIFA presented its **first Energya electric concrete mixer** with rechargeable batteries mounted on a diesel truck, introducing a **zero-emission electric machine** to the concrete sector for the very first time. In the following years, this novel technology was improved and accepted, to the extent that it can now be found on many construction sites in the major European cities. This is because it offers many advantages: zero CO₂ emissions, reduced fuel consumption, zero noise. In Energya machines, the rotation system for the drum is driven by an electric motor that sources its power from a lithium battery. Or, when necessary, it can also be powered by the engine of the diesel truck. The Energya models can also be mounted on gas or electric trucks, thus using a totally green vehicle. Two new electric machines were launched at **Bauma 2016 and 2019**: the CSSE spritz pump and the MK28E concrete pump, making the Energya brand a proper range. The brand has continued to evolve; indeed, as at the previous Bauma fair, **a new Energya machine will also be presented at this year's show...** The launch will take place at the start of the event, in the CIFA area at the Zoomlion stand.

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In line with these developments, CIFA is also working to **reduce emissions, increase durability and promote safety at work**. It has harnessed the benefits of **digitisation** to equip its truck pumps with electronic control systems (**Smartronic®**) and predictive systems. 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. Among the products on display at the Zoomlion stand will be the new **Steeltech K50L** pump (which will be launched at Bauma), and the **Carbotech K60H and K47H**. The latter is certainly a best seller for CIFA, and the unit on show at Bauma also has a special claim to fame: it is **number 500!** So it's the 500th Carbotech pump we've sold. The use of carbon fibre has several advantages, indeed making the boom from this material makes the whole pump lighter. So, there are fewer restrictions to driving along European roads and lower fuel consumption; in other words, the pump is both **more economical and more sustainable**.

Underground, a "beast" of a range

At its Underground stand, CIFA will be displaying its new range of concrete machines for the mining and tunnelling sector: high performance and reliability together with utmost care over safety. Each of the spritz pumps and concrete mixers has been named after an animal, in accordance with its features: Elk, Dingo, Rhino, Mantis and Coguaro (Cougar). And a new "specimen" will be unveiled at Bauma, the **Mamba**: a fully automated spritz pump. The underground world is a very different environment from the classic construction site, and so CIFA has a specific development, production, sales and after-sales team for this sector. Therefore, the decision to present this range on a separate stand was driven by the very different nature of the sector.

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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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