

CIFA Launches the LIZARD Multipurpose Vehicle for Underground Job Sites

The new compact and modular mining vehicle for transporting concrete, liquids, and solid materials. Visit CIFA Stand FS 1105/4 to see the electric version: E-LIZARD.

Milan, Italy – March 24, 2025 | CIFA, a global leader in concrete machinery manufacturing, proudly introduces the **LIZARD** at Bauma 2025. This compact and versatile mining vehicle is designed to meet the most demanding requirements of underground applications. **Available in both diesel and electric versions**, the LIZARD combines innovation, versatility, and exceptional performance, delivering advanced solutions for work in extremely tight spaces such as tunnels and mines.

Key Features

- **Compactness and Maneuverability:**
With its compact design, the LIZARD navigates narrow spaces and tight passages with ease. Its low-profile chassis and short wheelbase, combined with all-wheel drive (4WD) and four-wheel steering (4WS), ensure superior performance on rough terrain.
- **Reversible Driving Station:**
The 180° tiltable driving station allows precise operation in both forward and reverse directions, offering maximum flexibility in any scenario.
- **Modularity and Adaptability:**
The rigid modular chassis is built for heavy-duty applications in confined spaces and can be customized with a range of plug-in accessories, including attachments for transporting concrete, liquids, and solid materials.

Customization and Safety

- **Tailored Solutions:**
The LIZARD can be equipped with low-flammability oils and advanced fire suppression systems, such as ANSUL and Fogmaker, to ensure maximum safety.

- **Operator Comfort:**

Optional air conditioning provides a comfortable working environment in any climate.

E-LIZARD: The Electric Version

Showcased at Bauma 2025 at CIFA Stand FS 1105/4, the Energya E-LIZARD offers additional benefits:

- **Sustainability and Innovation:**

The E-LIZARD operates entirely in electric mode using batteries (BEE – Battery Electric Equipment) during all work phases, delivering a low-impact solution ideal for underground and urban environments.

- **Autonomy and Energy Efficiency:**

When connected to the power grid, the E-LIZARD can simultaneously operate and recharge its batteries, ensuring uninterrupted operation. Additionally, the KERS (Kinetic Energy Recovery System) captures energy during braking to optimize efficiency without compromising performance.

Highlights:

>> Sustainability at Bauma: CIFA's participation at Bauma is carbon neutral. The company offsets CO₂ emissions from stand setup and the event by supporting two environmental projects in collaboration with LifeGate.

About CIFA

CIFA is a leading manufacturer of concrete machinery and equipment, a market leader in Italy and a key global player. Part of the Chinese industrial group Zoomlion since 2008, CIFA is a highly international company with sales and support networks on every continent. It offers clients not only a reliable and high-quality product range but also financial support through Zoomlion Capital Financial Services. For more information, visit www.cifa.com.

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