

PRESS RELEASE



Bonfiglioli at Bauma China: Pioneering Advanced Technology in a Transforming Market

Calderara di Reno, Bologna, December 10th 2024 - Bonfiglioli's participation in Bauma China underscores its **commitment to the evolving Chinese market, leveraging its innovative technologies to meet local needs**. The Chinese market has undergone profound changes in recent years, characterized by rapid growth, intensified competition and a shift towards advanced, niche products and a stronger sustainability. Bonfiglioli has strategically adapted to these changes, focusing on **areas where its high-quality, technologically advanced solutions can deliver competitive advantages**.

Accelerating Electrification in Construction Machinery

A significant highlight of Bonfiglioli's showcased at Bauma China is its portfolio of **electrification solutions**. As the world transitions from traditional systems to electric-powered machinery, China leads this shift with remarkable speed, supported by government initiatives and market readiness. **Bonfiglioli is at the forefront of this transition, presenting advanced solutions for applications such as still loaders, mini-electric excavators and electric systems for 20-ton excavators**. Among the products featured are electric motors like the BPM 240, tailored for heavy machinery and multipurpose applications. Combined with an electric swing drive of the 700TE Series and an electric track drive of the 700CE Series, the BPM motor – specifically designed for the pump drive – is featured in a complete super performing kit which has been developed for battery-powered mini-excavators, but suitable also for other compact off-highway machines. An extraordinary innovative solution that allows for a **20% improvement in energy efficiency**.

Focus on high performing solutions for the mining sector

Bonfiglioli has identified **mining as a key sector** where its expertise can drive value. From crushing to earth moving applications, the integrated solutions developed by Bonfiglioli take on the harsh, dusty environments typical of mining activities. Moreover, the range of products is one of the largest available worldwide, with torque values from 13 Nm to 3,000,000 Nm. For mining industry, the flagship products are the **travel and track drives of the F Series** and the **slew drives of the 700T Series**. Designed for large excavators, commonly referred to as shovel machines, these compact and highly efficient products demonstrate scalability to cater to a **wider range of mining applications, including stationary machines for conveying and slurry processes**. The company also highlights its advanced solutions for road construction and maintenance machinery, including milling machines, road compactors and road pavers. At the trade fair **the wheel drive of the 600 Series** will be showcased. This Series is the best solution when designing wheeled off-road equipment. With a compact design, high torque and load capacities, a negative multi-disk parking brake and an optional gear disengagement device, this product precisely matches the application requirements.

At Bauma China a focus was dedicated also to Bonfiglioli's solutions for **bulk long distance conveying** on overland conveyors in the mining sector. The drive showcased belongs to the **HD Series** and its output shaft is in the right angle (HDO) configuration. Thanks to high quality materials and an optimized design, this **bevel helical gear unit** can operate in the harshest environment, as well as in explosive atmospheres, ensuring low maintenance costs and long time service intervals.

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Bonfiglioli's presence at Bauma China highlights its focus on high-tech, locally produced solutions to meet China's growing demand for modern, reliable systems. By offering integrated systems with motors, gearmotors and inverters, Bonfiglioli positions itself as a leader in driving technological transformation and as the ideal partner in supporting clients towards more sustainable and efficient innovations.

Bonfiglioli Group

Bonfiglioli is a worldwide designer, manufacturer and distributor of a complete range of gearmotors, drive systems, planetary gearboxes and inverters, which satisfy the most challenging and demanding needs in industrial automation, mobile machinery and renewable energy. The Group serves more industries and applications than any other drives manufacturer and is a market leader in many sectors; its three business areas - Industry & Automation Solutions, Mobility & Wind Industries, Selcom Group - embody all the expertise and experience acquired over the years in the respective industries. Established in 1956, Bonfiglioli operates worldwide in 80 countries with 23 commercial sites, 18 production sites, a wide distribution network comprising more than 550 partners, and can count on over 4.700 professionals. Excellence, innovation, and sustainability are the drivers behind the growth of Bonfiglioli as a company and team and represent the guarantee of the products and services quality offered its clients.

More information available at www.bonfiglioli.com.

Media relations | Lbdi Communication – Beatrice Cevolani – b.cevolani@lbdi.it – Chiara Ravanelli – c.ravanelli@lbdi.it Ginevra Fossati – g.fossati@lbdi.it Tel. + 39 02 43 91 00 69 – Skype Lbdi_PR

Internal & External Communication Manager | Bonfiglioli - Laura Manfredi - Laura.Manfredi@bonfiglioli.com