

Press Release

Resilient power house unfazed by thin air

Motors for Bolivian cement mill at 4000 m above sea level

Berlin – Menzel Elektromotoren from Berlin, Germany recently delivered two motors for a cement mill and a classifier to a cement plant in Bolivia. The mill, which manufactures high-strength cement with 5000 Blaine, is not only the country's first vertical roller mill for cement grinding. At 4000 meters above sea level it is also the highest installed elevation of an OK mill in the entire Americas. Therefore, very particular technical attention had to be paid to the motors' durability and ruggedness. Menzel modified their maintenance-friendly standard motors designed for the cement industry even further so they would withstand the special operating conditions.



Illustration: Withstands even the extreme conditions in Bolivia's highest cement mill: a special motor from Menzel Elektromotoren is being shipped

During the planning phase, the drive engineers and the customer closely cooperated in determining the most efficient and economical application design for the drive solutions, eventually deciding on a change of voltage levels, construction of a foundation plate and the installation of a vibration monitoring system for integration into the control as requested by the customer. The German motor manufacturer's flexibility and speed were once more decisive for this customer's placement of an order. After commissioning in September 2016, more than ten motors from Menzel will be powering machines in the Bolivian cement plant.

Illustrations: shipping2 Char.s: 1,279
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About Menzel Elektromotoren

Based in Berlin, Menzel Elektromotoren GmbH has been manufacturing and distributing electric motors for more than 85 years. The medium-sized company specializes in the delivery of large electric motors, including special models, within the shortest possible time. The product range comprises high and low voltage motors, DC motors, transformers, and frequency inverters. Services include motor production and short-term adaptation of stocked motors to application-specific requirements. In order to ensure fast deliveries to the customer at all times, the company maintains a very extensive inventory including more than 20,000 motors with a maximum performance of up to 15,000 kW. Qualified engineering, experienced staff, and state-of-the-art production and testing facilities help Menzel provide excellent reliability. Menzel operates subsidiaries in the UK, France, Italy, and Sweden, and cooperates with numerous partners worldwide.

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