

Plant Solutions for the Cement Industry



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Electrification and Plant Engineering Electrical Infrastructure



ABB is offering comprehensive packages of competencies, products and services for the complete primary production chain in the cement industry. Our experience is unmatched, with a track record of supplying complete electrification for more than 140 cement plants worldwide. ABB is committed to the success of your cement investment. Our expert engineering, supply, construction and management services, and our in-depth experience of the production process ensure results. Our approach treats the plant and its requirements as single fully integrated entity. So, whether you need a single critical component or a complete turnkey electrification system, look to ABB as your single source.

Electrification

ABB offers the broadest range of high, medium, and low voltage equipment for switching and distributing electrical power to the plant. Solutions are engineered for safety, flexibility and security to keep operations running day and night, including emergency power generation and UPS, industrial sub-stations, harmonic correction equipment, switchgear, and transformers.

Plant Engineering

We ensure correct dimensioning, smart positioning and adequate technology that leads to enormous savings and adds up to a significant enhancement of plant economy.

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Automation, Optimization, Instrumentation and Drives Solutions



Integrated Process Control, Instrumentation, Optimization & Information Systems

With ABB, the process control, instrumentation, optimization functions and business information systems are integrated. Solutions include on-line «auto pilots», helping operating personnel meet the higher quality standards created by plant optimization and information technology. ABB's systems capabilities are essential tools for minimizing energy consumption and improve quality.

Drives Applications

ABB manufactures motors and drive systems worldwide, from the sub-kilowatt to the megawatt ratings of the gearless drives for the largest SAG and ball mill applications. As a global leader ABB combines its extensive industry knowledge with its application experience to select the most economical drive solution for your particular, often unique, circumstances. We drive continuously for the highest availability, productivity and energy efficiency your operations can achieve.

Laboratory Automation

Companies utilize ABB's extensive laboratory integration systems for a flexible approach to automated modern laboratory task management and integrated quality management with process information.

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