

Ingeteam

Ingeteam Power Technology S.A. Industry Unit

Provides Automation Solutions, Drives, Electrical Equipment, Components and Packages for the Cement Industry.

Founded in 1972, Ingeteam Power Technology's Industry Unit (IPT) is an internationally renowned and leading company in the supply of global state-of-the-art engineering services; a company that develops electrical engineering and control systems for the industry. It is experienced in a wide spectrum of industrial environments, highly skilled in project management, integration of systems and engineering as well as project execution and commissioning.

Ingeteam Power Technology's Industry Unit specialises in electric drives and industrial automation processes. The Industry Unit develops systems, using the most advanced technologies available in the market, geared towards improving industrial monitoring and control functions.

TAILORED PROCESS SOLUTIONS

In globalized markets, there is no alternative to the continual optimization of productivity and efficiency in production lines.

Constant innovation and always striving for better performance are what makes IPT the perfect partner for everyone in the cement industry who wants to be one step ahead: because that's what we strive to be.

How can you get more from your raw materials?

How can you be sure your processes always run at the performance you need?

How can you use your labor force and energy as efficiently as possible?

The answer is simple:

By relying on proven automation technologies that make everything fit together. IPT offers networked, state-of-the-art technologies for all plant levels and process phases: an integrated process control system and IT solutions, reliable, industry-proven measurement and controls – built on the platform of the world's most successful automation system.

GENERAL SERVICES

Management / Project Coordination

Provision of human resources to control and monitor the integral development of each project.

Engineering and Documentation

Analysis, design and execution of the basic and detail engineering, electrical equipment and automation.

Energy Distribution

Supply of Medium Voltage Switchgear, power transformers and auxiliary installation for the distribution of energy.

Drive Systems

IPT integrates in-house drive technology low-and medium-voltage frequency converters, using high efficient state-of-the-art equipment, or installs the equivalent technology available in the market.

Integrated Automation Systems

Design of level 1, level 2 and TCS (Technological Control System) hence, improving data management and optimizing processes built values.

Workshop Tests

We have our own installations to carry out tests on equipment, and check software in hardware platforms.

Electrical Installations

Supervision and execution of the complete installation based on developed engineering and the applicable standards.

Commissioning

The technical personnel that participated in the previous phases of a project will also be in charge of its execution.



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IPT supplies comprehensive Drive solutions as well as standard products that meet exactly the cement industry requirements. IPT links, automation, drive, and power supply systems to form one overall solution.

From stock piles to packed cement it is a long way with many intertwined processes. With our automation and drive Solutions, we help optimize every single process step as well as the efficiency of the overall process.

STATE-OF-THE-ART TECHNOLOGY

IPT combines its extensive industry knowledge with its application expertise to select the most economical drive solution for our clients particular, often unique circumstances. From single/dual pinion and high pressure grinding rolls to material handling, pumping and conveying systems, we continually strive for the highest availability, productivity and energy efficiency clients operations can achieve.

Whether it is a greenfield plant, the extension or the modernization an existing plant, IPT provides tailored automation solutions that use real-time data - enabling constant monitoring and analysis of clients process combined with improved asset availability.

DRIVE SYSTEM UPGRADES

IPT's solutions portfolio includes upgrading existing motors and drives with new, efficient drive systems. Converting to variable speed operation gives significant advantages in terms of both running and energy efficiency.

Whether for the raw mill, kiln, belt conveyer or fine milling, it is important to select the correct drive model and dimensioning to achieve uninterrupted and energy-efficient operation.

AUTOMATION SOLUTIONS FOR CEMENT PLANTS

Scalable automation solutions provide easy entry to benefit from next-generation automation products. A small, basic system can be rapidly extended into a fully integrated and optimized automation solution, to deliver even greater value. IPT Technology driven, focused solutions.

- Offering a comprehensive portfolio of automation based solutions.
- All our solutions are designed for maximum uptime and minimum maintenance
- Our documentation delivers clarity that enables savings in time and money
- Our products evolve in a structured and focused path.

The services we offer comply with the highest standards, meeting the required deadlines, including advisory services, consultancy, design and implementation of systems and their maintenance. Our platforms are designed to meet the industry sector's demanding needs; the range of functions offered by these platforms allow our customers to attain the maximum levels of efficiency, flexibility and profitability.

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READY FOR YOUR CHALLENGES

