



PLATTMANN CONSULTING

CEMENT

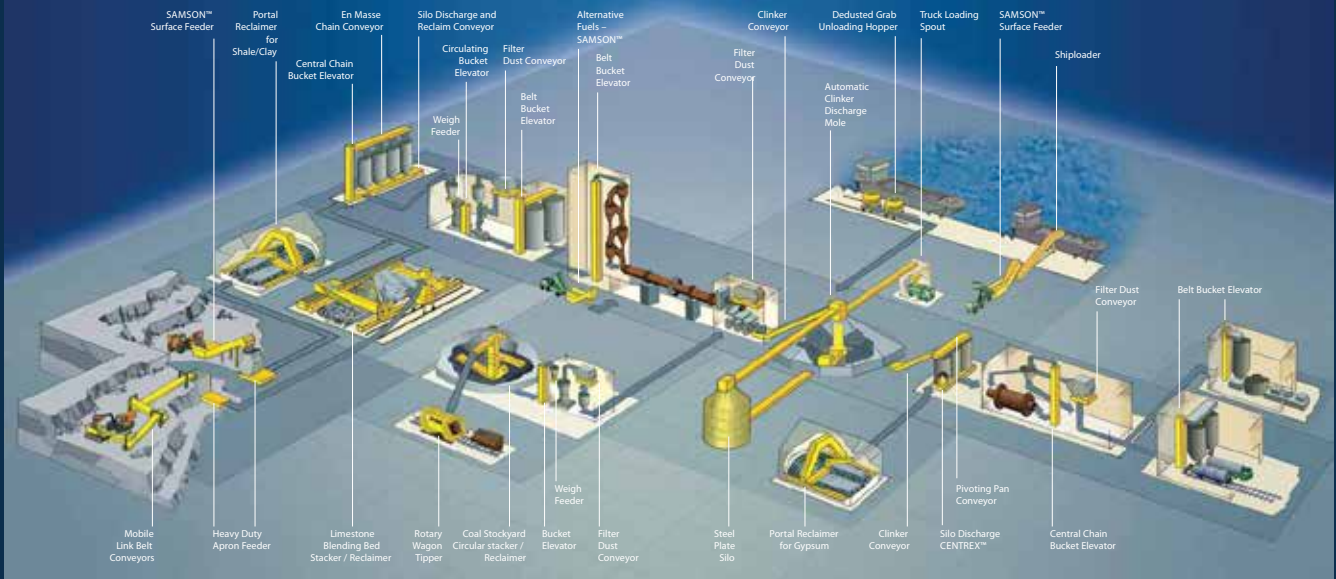
As technical consultants for industrial plants we look back on a long lasting experience in third generation. We combine approved know-how and best-in-class technology to provide reliable and innovative solutions for the process industries.

Lasting profitability is ensured by developing tailor-made solutions for the special technical requirements of our clients. The range of applying successfully field-proven solutions covers the optimal integration of different project phases as technical feasibility study, realization, commissioning and after sales service.

For us, a personal and an exceedingly customized consulting is self-evident. In our long standing relationships with all our clients we are always very concerned to meet this claim.

With our world-class partners presented in this folder we possess the best conditions to provide our clients with top-quality technology and equipment.

Meeting global requirements we provide technology transfer from Europe to Latin America.



AUMUND GROUP EQUIPMENT IN THE CEMENT INDUSTRY

CONVEYING AND STORING TECHNOLOGY

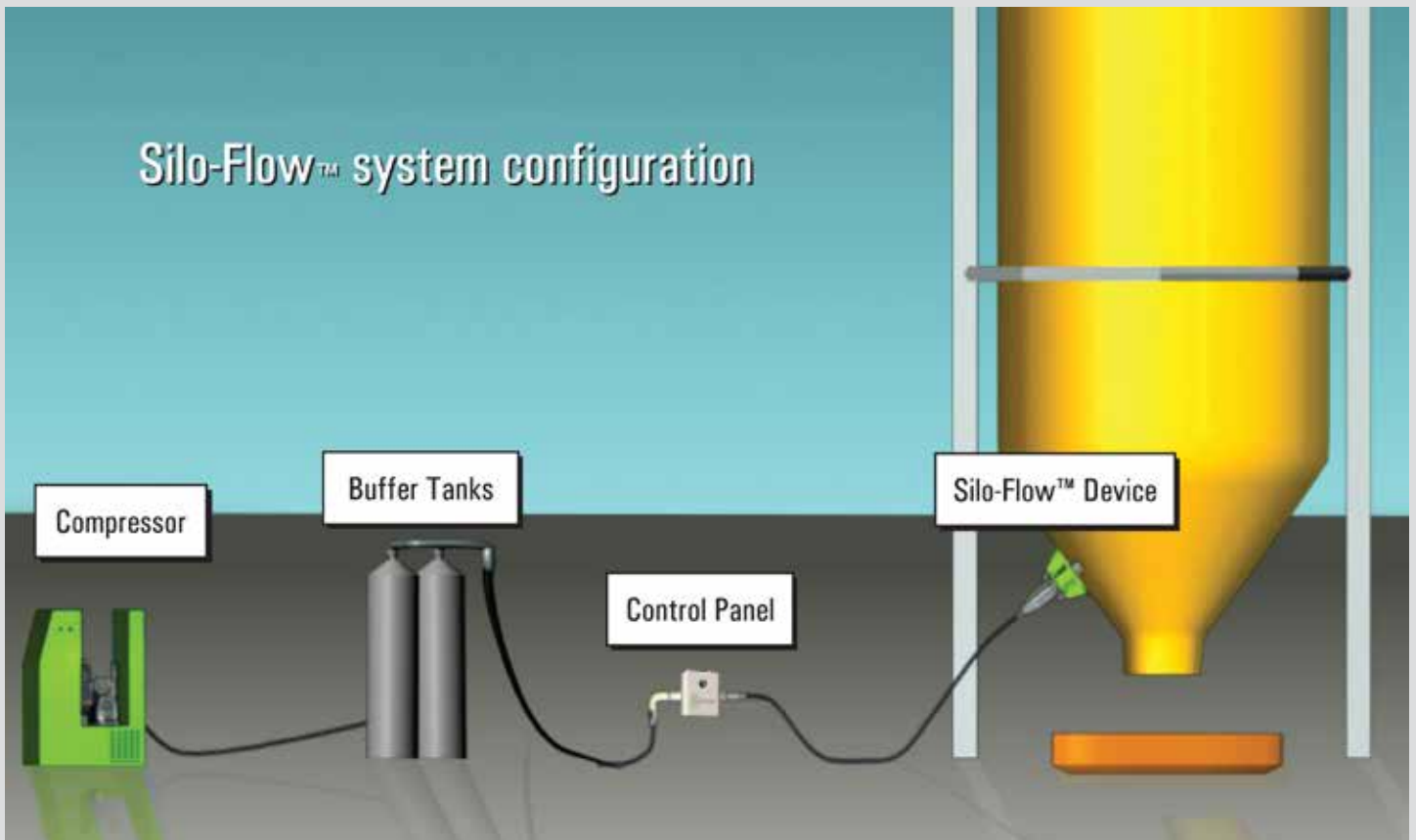
In the sector of bulk material handling and storage the Aumund Group can offer a full line service due to the fact that the company combines the consolidated competences of Aumund Fördertechnik GmbH, Schade Lagertechnik GmbH and B&W Mechanical Handling Ltd. Aumund Group products are suitable in a great variety of industries such as cement, lime, gypsum, metallurgy and mining. Products as apron feeders, chain and pan conveyors, bucket elevators, loading and unloading equipment – just to name a few – are worldwide well known for their highest quality.



FIRING TECHNOLOGY

Fives Pillard is one of the leading companies in innovative and progressive combustion technology for various lines of industry, i.e. cement, lime, gypsum and petrochemical industry. Process firing and fuel handling can be named as two of their main competences. Fives Pillard is a full range supplier for your firing equipment. Starting with a well-known and proven technology for gaseous and liquid fuels up to solid fuel firing with focus on state-of-the art alternative fuel processing and firing Fives Pillard provides you with a tailor-made solution for highly efficient and energy saving technology not at least to save your money but also helping to comply environmental regulations.

Silo-Flow™ system configuration



FLOW TECHNOLOGY

The company Flow Industries Ltd. is classified as specialist in the scope of high-pressure gas pulsing devices to ensure the material flow in a wide range of applications. Flow Industries applies top of the line technology to be able to guarantee a stable process for your bulk material unloading in different types of storage as silos etc. The latest step in this innovative system is the device in applications with high temperatures as such as pre-heater towers. Flow Industries keeps your material flowing and your process running.



COOLING AND PROCESS TECHNOLOGY

IKN GmbH is one of the leading specialists for pyro systems for the cement industry with its LUCY preheaters, ICC calciner technology, rotary kilns and Pendulum Clinker Coolers. Their complementary services include integrative layout and process engineering of the entire pyro section as well as kiln alignment and spare parts among others.

In addition to designing and constructing new pyro lines IKN is equally focused on complex upgrade solutions of existing preheaters, kilns and clinker coolers with emphasis on alternative fuels and emission mitigation. The company is well known for the IKN Pendulum Cooler and with more than 650 worldwide references solidifying its leadership position in clinker cooling technology.



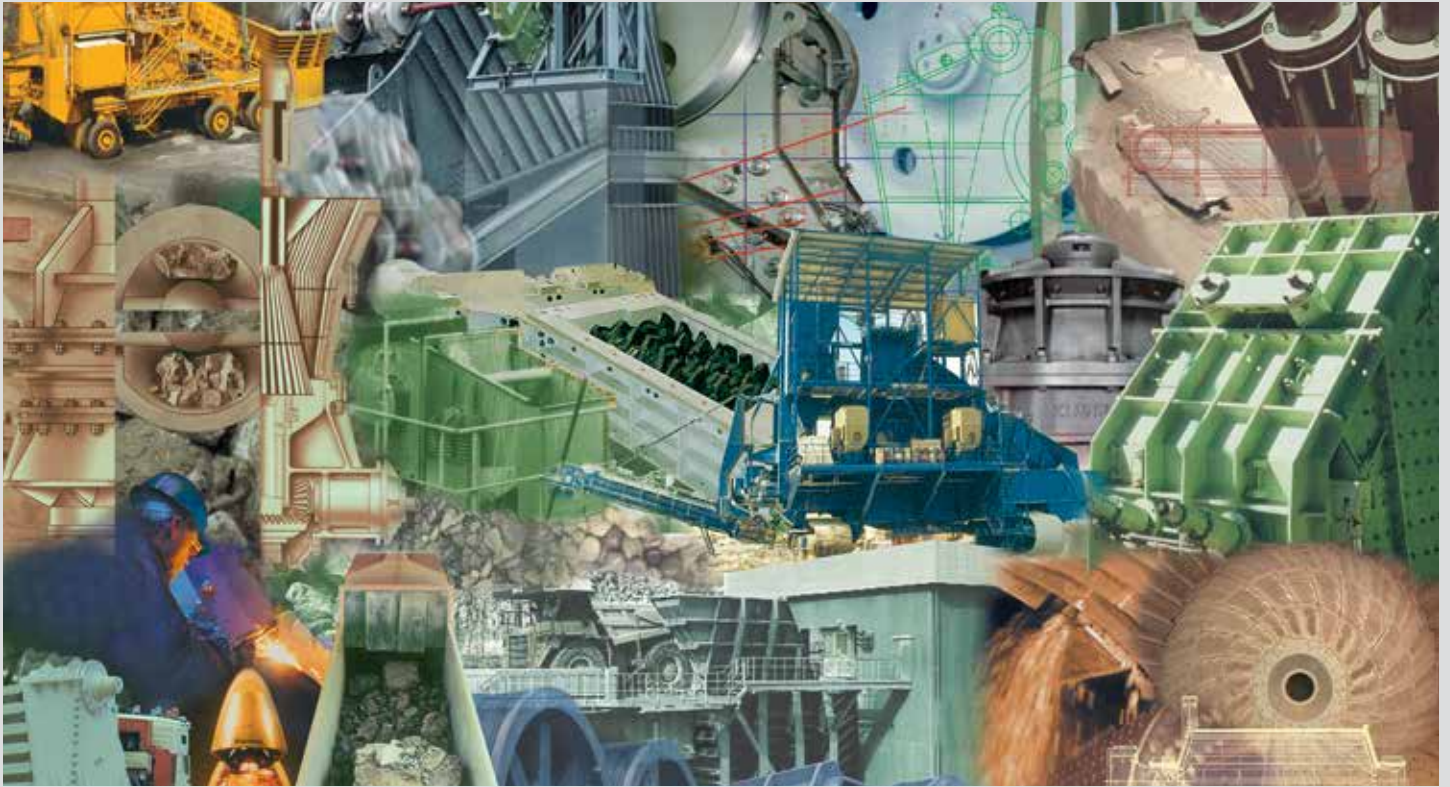
GRINDING TECHNOLOGY

In the sector of grinding technology the worldwide operating company Loesche GmbH with head office in Germany comes up with over 100 years of experience in vertical mill technology. In the sector of roller grinding mills, Loesche is the global market leader which results from innovative engineering and precision in planning, production and realization of their projects. Loesche for example introduced the technology of grinding of cement clinker and granulated blast furnace slag in roller grinding mills (vertical air-swept grinding mills). Loesche products are suitable in a great variety of industries such as cement, mining, industrial mining, power and steel.



FLUE GAS HANDLING TECHNOLOGY

The Austrian family-owned company Scheuch GmbH is worldwide known for high class solutions in cleaning systems of exhaust and flue gases. In the cement industry for example Scheuch GmbH comes up with a full range of dedusting solutions for any application as rotary kilns, mills, silos and conveyor systems, just to name a few. Scheuch is the only supplier worldwide offering the patented EMC-dedusting concept (Energy Minimizing Concept) known as the best available technology for dedusting process filters in the cement industry.



CRUSHING TECHNOLOGY

ThyssenKrupp Industrial Solutions is classified as one of the world's leading supplier of machines and equipment for the processing industries, i.e. materials handling, mining and mineral processing. In cooperation with the customer ThyssenKrupp Industrial Solutions plans and realizes systems and entire plants for digging and exploitation of raw materials and minerals. This emphasizes on crushing technology in the raw material industry and specifically in the cement and lime industry as well as on the process techniques of grinding, drying, screening and filtering.

ThyssenKrupp Industrial Solutions is primarily specialized in crushing, screening and drying systems with capacities most suitable for aggregates, lime and recycling plants.



FAN TECHNOLOGY

Ventilatorenfabrik Oelde GmbH, also known as "Venti Oelde", is one of the world's leading providers of large and special fans for the cement, lime and gypsum industries. They are in use throughout the complete production process chain, from firing and cooling, grinding and separating to dust removal.

The fans work under arduous conditions, depending on the operating point and application, they fulfil various functions. The maintenance, upkeep, checking, repair, upgrading, rationalisation and extension of plants complete the available services. Venti Oelde also repairs and optimizes plants of other manufacturers and makes them fit for increasing demands.

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