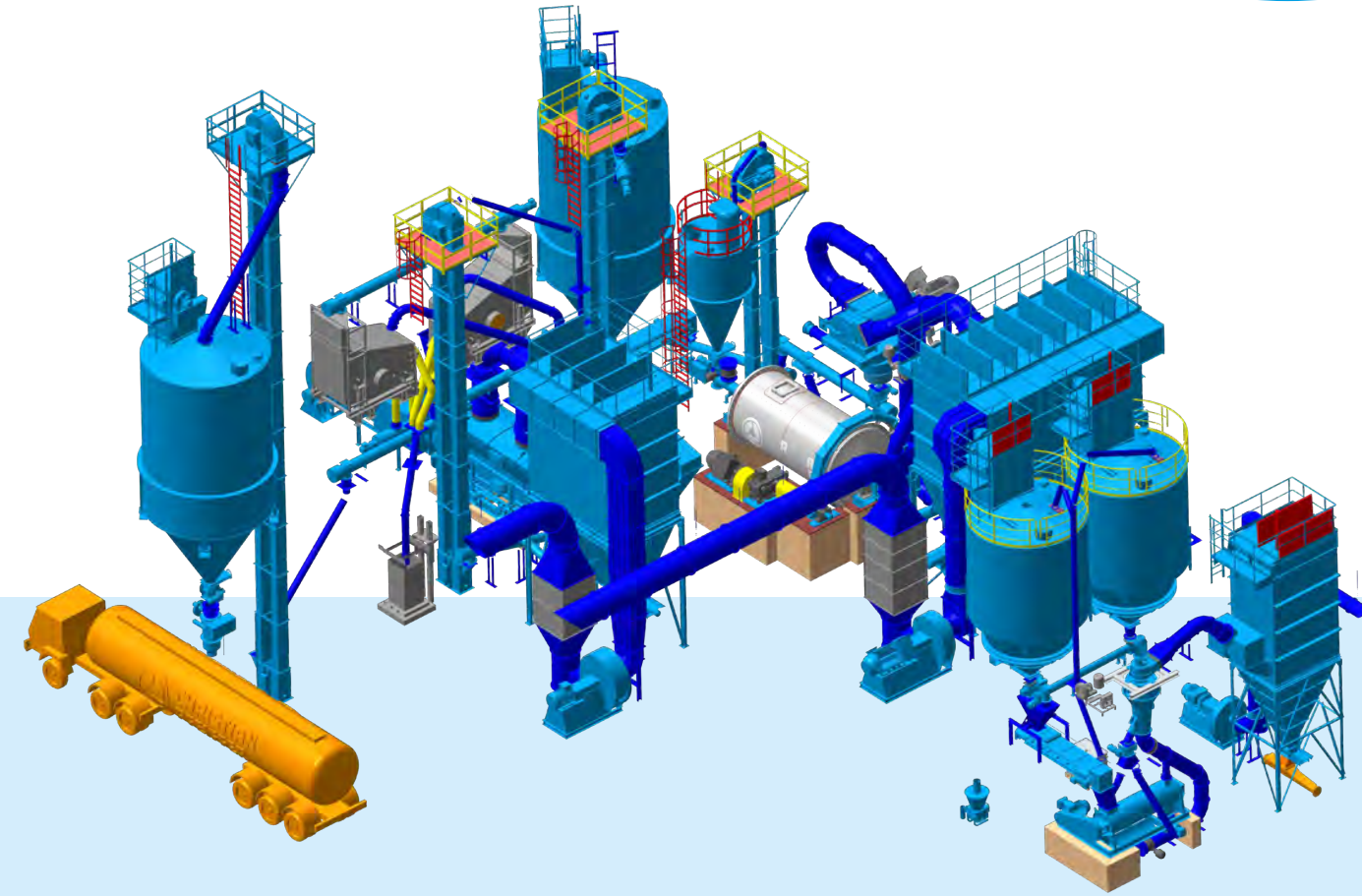


Engineered to
Perfection



Christian Pfeiffer's engineering team boasts a wealth of experience in designing and optimizing grinding and classification systems for a wide range of industrial minerals.

Our expertise encompasses:

- Plant layout and optimization
- Equipment selection and sizing
- Plant, Process design and simulation
- Control system integration
- Troubleshooting and optimization

We deliver optimized plants for maximum **EFFICIENCY**, quality, and sustainability through advanced **grinding** and **separation** technology.

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More than just grinding and separation:

EFFICIENT PROCESSES

We understand, analyze and optimize the entire grinding process. Thanks to this expertise, Christian Pfeiffer has been one of the technology leaders in the grinding industry for nearly a century.

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Industrial Minerals

Visit us at
christianpfeiffer.com



Your Partner in Industrial Minerals Grinding and Separation



Christian Pfeiffer has been at the forefront of grinding technology since its inception in 1925.

The company's journey began with a focus on cement production, but its expertise soon extended to the broader industrial minerals sector. With a deep-rooted commitment to innovation and precision engineering, Christian Pfeiffer has established itself as a global leader in providing tailored solutions for the complex challenges of industrial minerals processing.

Christian Pfeiffer boasts decades of expertise in grinding and separating industrial minerals. We deliver cutting-edge solutions for optimized production and superior product quality.



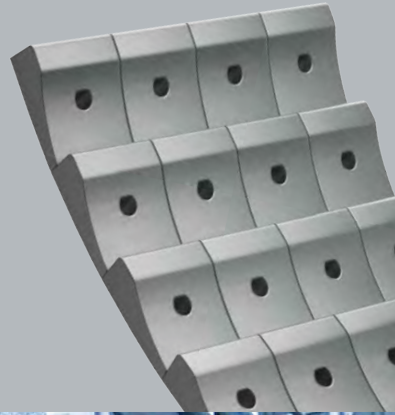
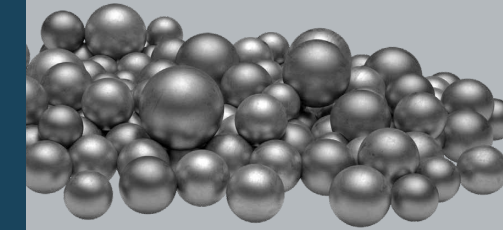
Adjustable Discharge Diaphragm for Grinding Plants

The discharge diaphragm controls material flow, keeping grinding balls inside the mill. Christian Pfeiffer customizes diaphragm installation for each grinding plant, mounting it on the mill head or shell.

Christian Pfeiffer has 100 years of mill internals design expertise.

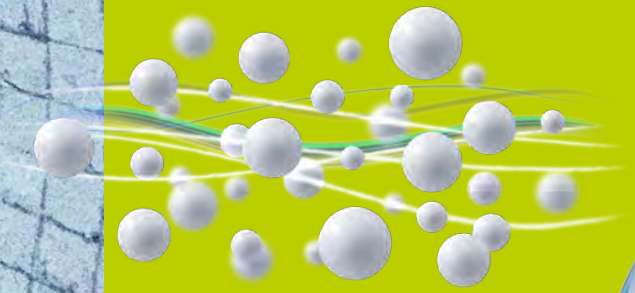
The selection of the grinding media and the mill shell lining also have a decisive influence on the energy efficiency of the grinding plant.

Talk to us! Together we will find the best technical solution for your mill.



Iron Free Grinding with Ceramic Lining & Grinding Media

Our ceramic-lined ball mills and classifiers provide a superior solution for grinding and classifying sensitive materials that require iron-free processing. The ceramic lining & media prevents contamination specially for abrasive materials, ensuring the highest level of product purity and whiteness.



Ceramic grinding media ensure iron-free grinding, ideal for processing delicate materials demanding the highest purity.



Product testing and analysis

Christian Pfeiffer provides comprehensive material testing and analysis to optimize grinding and separation processes.

Process design and optimization

Our experts design and optimize grinding and separation plants tailored to specific industrial mineral requirements.

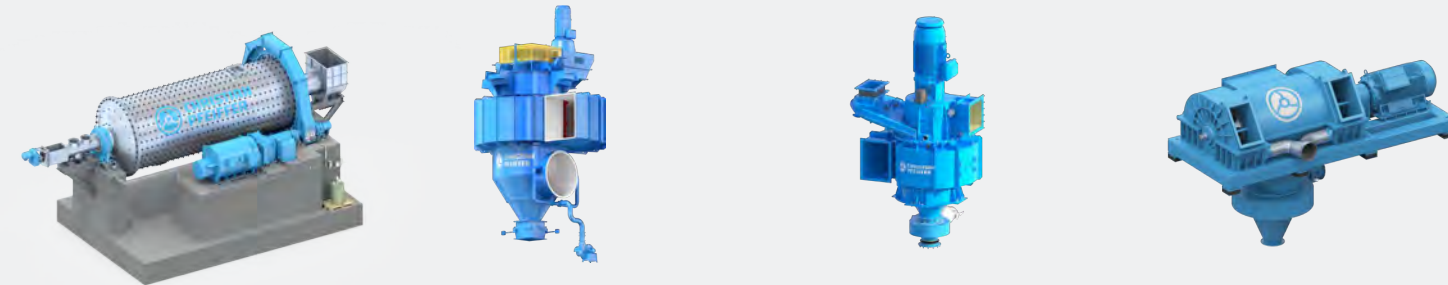
Automation solutions

Christian Pfeiffer's automation boosts plant efficiency, productivity, and quality. Our solutions optimize operations, reduce downtime, and ensure consistency.

After-sales support and maintenance

Our dedicated team provides comprehensive after-sales support and maintenance services to maximize equipment lifespan.

Our equipment for your demands



BAM Ball mill

The Christian Pfeiffer ball mill is a robust and efficient machine, ideal for grinding various industrial minerals and materials. Its versatile design and customizable configurations ensure optimal performance across diverse applications, without jeopardizing its reliability.

QDK Separator

The QDK separator is a robust and wear protected classifier designed for precise particle size separation within medium to fine range of fineness in minerals processing. Its advanced technology and efficient operation contribute to improved product quality and reduced energy consumption.

ROC Classifier

The ROC classifier is a cutting-edge solution for high fineness classification. Its innovative and flexible design, with top or bottom feed, delivers exceptional sharpness with clean top-cut and high classification efficiency, making it a preferred choice for demanding applications.

U-ROC Classifier

The U-ROC classifier is a specialized unit designed for the ultrafine particle size separations in the industrial minerals sector. With its advanced features, it enables the production of high-quality products at high throughputs with precise particle distribution.



Precision Grinding, Perfected

Our grinding solutions optimize product quality, boost throughput, and reduce energy consumption. From coarse crushing to fine micronization, Christian Pfeiffer provides tailored mill solutions for diverse industrial minerals.

Tailored Classification for Optimal Results

Leveraging advanced FEM and CFD analysis, our classifiers excel in efficient separation and precise particle size control. Cutting-edge features optimize rotor design, air sealing, and secondary air inlets for superior performance.



Complete Grinding Solutions

Are you grappling with the complexities of industrial minerals grinding? Let's connect to explore your specific challenges, such as:

- Achieving the desired particle size distribution.
- Maintaining consistent product quality
- Minimizing energy consumption.
- Reducing wear and tear on equipment.

Our expertise can help optimize your processes, improve product quality, and enhance overall efficiency.

By combining our state-of-the-art grinding and separation technologies with in-depth industry knowledge, we deliver optimized plants that maximize efficiency, product quality, and sustainability. Our turnkey solutions ensure seamless integration of all components, from feed preparation to final product handling.

