We are guided by the goals of our customers. This has been our philosophy since the founding of our company in 1906.

We are a company with a long tradition – and we are proud of it. Patented in 1928, our roller grinding mill technology has been continuously advanced and in the meantime is synonymous with our company. All of our operating groups have grown in recent decades. Our structures and technologies have evolved. We have learned to live with change. Creativity, dynamism and receptiveness to innovation have made Loesche GmbH one of the leading providers of top mill technology. With our high quality standards and maximum availability of technology – combined with optimum economic efficiency – we set international benchmarks. To fulfill our customers’ expectations, we constantly endeavour to supplant conventional technologies, define the state-of-the-art in mill technology and to develop innovative plant concepts. This can only be done with the right team; with skilled employees who are committed to achieving the company’s goals. With our expertise, we are able to attain a level of quality that meets our own high demands – ultimately ensuring the utmost in customer satisfaction.
More than ever, the maxim in our market is: experience is the best foundation for innovation.
The merits for which we are known are the result of our philosophy, technology and operating principles.
The successes we achieve are, above anything, the result of our unremitting and painstaking focus on details.

Our customers profit from our experience. Comprehensive feasibility studies aid our experts in thoroughly assessing each plant, as well as the equipment, operational and maintenance processes. Raw materials, semi-finished and finished products are meticulously tested. Our consultants conduct a comprehensive analysis of plant operations, with the aim of increasing production, minimising downtime and extending the lifespan of the plant. Our experts inspect, repair, set up and calibrate systems directly on-site. Along with regular inspections, our service contracts cover repair work, replacement and expendable parts and general troubleshooting. We help you purchase and manage replacement parts. If requested, we can also directly place and coordinate parts orders.

With our computer-based flow simulations, we are able to solve flow problems and develop concepts for optimisation.

This is more efficient and economical than conventional physical testing methods and adds up to a significant competitive advantage for our customers, enabling timely and efficient implementation of progressive measures in grinding technology, materials and processes.
We emphasize innovative engineering and precision plant design and construction. This is only possible with dedicated employees – which we have.
We maintain an ongoing dialogue with our customers and experts on-site. So we always stay on top of things.

We are thoroughly convinced that the combination of solid technical expertise and creative, innovative engineering is what enables us to solve problems and shape the future. Of course, over 100 years of experience in vertical mill technology contribute to our success. At Loesche, project planning, engineering and production are seamlessly integrated. We work precisely and punctually – from the development to the planning, design, production and installation on through to the perfect commissioning of a grinding plant.

In our “Technikum” – our own R&D department – engineers work on developing and refining customised grinding technology and comminution process concepts.

Quality assurance is one of our key concerns. We work in strict compliance with DIN EN ISO 9001. Each individual step is examined; no product leaves our premises without first having been subjected to extensive functional testing.

We are committed to environmental technology. Conserving energy and water are key issues for us, as is our goal of continually optimising the ecological balance.

For us, each plant is a reference project that we like to present as an example of high reliability and economic efficiency to our new customers. Maximum availability, unsurpassed product quality and years of error-free operation: that is what our customers can expect from us. Guaranteed.
Proven technology always results in higher efficiency.

Over many decades, we have successfully asserted our technological leadership in the market. Loesche mills have earned a worldwide reputation as the best machinery for comminuting diverse raw materials.

We deliver roller grinding mills with two, three, four or six grinding rollers, fulfilling all imaginable performance requirements. Whether cement raw material, cement clinker, granulated slag, minerals, ore or coal – for every specific requirement, we design and project-plan customised grinding, processing and drying plants as well as hot gas generators.

Tried-and-tested standard modules are configured into a tailored solution – without any interface problems. Moreover, we take care of all ancillary aspects: from the storage of raw materials in mixing beds and bunkers to the visual inspection and intermediate storage of finished goods, on through to the complete loading station – all from a single source.
The very best idea alone probably doesn’t help much to solve a problem. A good concept is the product of hard work.

Listening attentively and proactive thinking are virtues that we expect from all our employees. They form the basis for creative ideas and well-founded know-how. Equally important is that we take time for in-depth discussions with our customers and constantly strive to find a better solution.

Experience shows that spontaneous ideas alone are insufficient. Each new project is a new challenge, nevertheless offers an opportunity for a 100% custom-made solution. Constructive cooperation, lateral thinking and unimpeded communication make it possible for us to flexibly master exceptional tasks as well.

In our test center, we calculate the best configuration for all machinery and plants, always tailored to our customers’ basic materials. The computer simulations developed by Loesche make the entire process technology transparent.

Our pre-service offers the best possible investment security. Long-term budgets can also be projected based on the data we have determined. This certainty is increasingly becoming a success factor for us.
Our customers expect extraordinary reliability, ease of operation and minimal maintenance expenditures.

Our plants should be simple to operate and run without error. The people who work with our technology should enjoy it – an increasingly important factor. Thus, even after plant commissioning, we never leave our customers alone. Not for a moment. Experienced employees erect the plant on-site and monitor the start-up phase.

Upon request, our engineers can train the customer’s plant team on-site or at a reference plant. We can make recommendations on stocking spare parts and also offer continuous plant monitoring and inspection within the scope of a service contract. Most of our customers are happy to take advantage of this. This way we are able to ensure the functional reliability of each plant according to the technical state-of-the-art, production capacity, fineness and residual moisture content of the end product. We also cater for the specific energy requirement and give a minimum 20-year delivery commitment for all original manufacturer spare parts.
Innovation in the refinement of solid fuels is also a tradition with us. It is our goal to grow in the fuel technologies sector and become the world market leader.

We have many years of experience in milling solid fuels in large industrial plants. Peat pellets, wood byproducts and even olive pits are being refined into valuable fuels. The growing trend towards combining alternative and conventional fuels fosters sustainable reductions of CO₂ emissions. This is in line with our tenet of building industrial plants with the lowest possible emissions and the greatest reliability. Our experience to date and our customers’ satisfaction confirm the correctness of this principle.
Developing a tried-and-tested method for new applications is a very exciting task.

Spreading a good idea is generally very enticing. Often, however, the practical limitations are quickly reached. Customers’ requirements are simply too unique. Apart from all customised solutions, though, there are still fundamental process engineering principles of an overriding nature. True, of course; then at some point, the material-related and economic boundary conditions change. Entirely new prospects arise. Then, everything else is just a matter of making the necessary investment and the question of how much time and energy you are willing to commit. Some willingness to take risks is also called for, of course. We experienced this with respect to our new technology for processing highly abrasive ores. Our work will result in a paradigm change in ore processing.
The challenges of the future are easy to identify.

The innovative use of vertical mills for processing ore was introduced by Loesche. The comminution, crushing or grinding of the rock using conventional techniques wastes more than approx. 50% of the energy costs incurred in the entire ore mining process. With this efficient dry-processing method, we offer significant water and energy savings. The use of Loesche grinding technology not only provides advantages in the comminution process, but also downstream in the ore-sorting processes. These advantages derive from the grinding characteristics of the Loesche mills and the resulting improvement in the ground product. At the same time, the investment requirement is smaller – even for machinery with a very high material throughput. We consider this also to be sustainability.
Top quality and an excellent price-performance ratio are not contradictory.
You can compute and simulate anything. When computers reach their limits, however, that’s where intuition begins.
For the most part, a person can shape their own future. One must just wisely adapt to everything else.

Our customers have control over which technology they want to pursue in the future. In this regard, choosing the right concept usually determines economic success.

Consequently, we are convinced that our methods – based on sustainable, full-cost accounting – are always advantageous in comparison with those of the competition. That is the simplest explanation for our success in international markets.
We want our customers to always be a step ahead of their competitors. That’s why we are there where you are. Around the world.

In the roller grinding mill market, we are the global leader and have representatives and agents throughout the world. Our local management speaks the respective language of our customers. This simplifies communication and ensures effective cooperation based on trust. We are there for you – whenever and wherever you need us.
In the years ahead, the focus will be on redesigning the future – our future. Technological progress will require us to reconsider things once again. Methods that seemed unimaginable just a few years ago will be commonplace in the future. We are on the verge of effecting a paradigm change – particularly with regard to the processing of ores. With our new mill technology, we are now in a position to largely supplant conventional methods – to the benefit of greater economic efficiency and fundamentally improved environmental compatibility. We are setting new standards – with reduced energy consumption and doing without water. If you would like to find out more about this “paradigm change”, please contact us directly at: +49 211 5353 777 or visit our website www.loesche.com/ores.