

A large-scale industrial facility is shown at sunset. In the foreground on the left, a massive white cylindrical tank is partially visible, featuring the Lenzert logo and the text 'The Heart of Filtration'. The background is filled with various industrial structures, including silos, pipes, and a building with a corrugated metal roof. A plume of smoke or steam rises from one of the buildings. The sky is a warm orange and yellow, with several birds in flight. The overall scene conveys a sense of industrial scale and environmental impact.

#FILTRATIONEXPERT

YOUR CHALLENGE IS OUR INCENTIVE

LENSER – YOUR FILTRATION EXPERT SINCE 1969

In 1969, Horst Lenser revolutionized filtration technology when he established LENSER Filtration. The use of polypropylene in solid/liquid separation not only simplified filter press operation.

More importantly, the filtration results our customers achieved with the new materials improved significantly. Today, LENSER is the world's leading manufacturer of filter elements that are used all over the world. Innovations in solid/liquid separation, our competence, our reliability and our know-how, as well as our continuous growth have accompanied our success story. In cooperation with world-leading OEMs and press operators, we have succeeded in building up optimal process solutions across a broad range of industrial applications. Our customers specially appreciate the fact that we also sell perfectly fitting and application-proven filter cloths for process optimization in addition to our filter elements.

LENSER fulfills the requirements of a wide variety of markets. In addition to the production of large-format filter elements and individual customer developments, the future holds many opportunities for smart and future-oriented technologies to implement in conventional filter presses.

Among other things, LENSER has achieved worldwide technological leadership with the development of intelligent sensors and innovative services - especially for high-sophisticated filtration processes - for the umpteenth time in the company's history.

As **#FiltrationExpert**, we look forward to being a reliable and competent partner for our customers – now and in the future. Whatever your challenge, we at LENSER use all our knowledge and experience to find the perfect solution for you and your filtration process. **Your challenge is our incentive.**





WE OFFER THE BEST POSSIBLE SUPPORT

In all matters relating to the filtration process, the people at LENSER provide support and services on a daily basis to resolve any challenges. Experts work together around the world to actively improve the filtration process.

LENSER stands for long-term partnerships. That is why a large number of customers have been relying on us for decades. You can rely on the extensive experience of our staff!



Employees

Around **300 employees** worldwide set the course daily to achieve your required filtration results.

LENSER employees are working for your needs at more than **20 locations**.

Our employees contribute around **2,500 years of professional experience** towards finding the right filtration solution for you.



Machinery

Our machines have a production output of **238,000 operating hours** per year.

Nearly **7,000 tons** of granules are processed every year and pressed to be welded to form well over **50,000 filter elements**.



LENSER FILTER ELEMENTS – QUALITY DESIGNED AND MADE IN GERMANY

LENSER manufactures filter elements exclusively using the pressing method on program-controlled presses. This guarantees high repeatability, consistent quality and warp-free filter elements. As a further decisive advantage over other manufacturing processes, pressing does not produce any weld lines with lower stability that could lead to breaks in the filter elements. In addition, the production of thin-wall membranes with the necessary flexibility is only possible with our pressing method. LENSER filter elements also differ in their materials: For example, we use polypropylenes specially developed in-house for our membranes in order to guarantee successful filtration consistently.

LENSER is well known for its full-range product portfolio. In addition to the high-quality filter elements, choosing the correct filter cloth is also part of our service. With this combination, you will be able to boost efficiency and get the maximum out of your filtration process. We will be glad to advise you and also provide perfectly fitting and application-tested filter cloths for your filter elements upon request.

LENSER PRODUCT GROUPS			
RECESSED CHAMBER FILTER ELEMENTS		MEMBRANE FILTER ELEMENTS	
Standard recessed filter elements		Welded membranes	
Edge-reinforced recessed filter elements		Welded high-pressure membranes	
Recessed filter elements for mixed packs		Exchangeable membranes	
FILTER PLATES AND FRAMES		ACCESSORIES	
Filter plate elements		Handles for manual plate shifting	Support/distribution rings
Filter frame elements		Welded handles for automatic plate shifting	LENSER Control System (LCS)
Filter plate elements for mixed packs		Discharge systems	Feed shoes
		Cloth clamping devices	LENSER Fix-Click
* also available on request:			
MIXED PACKS	SEALED FILTER ELEMENTS	CUSTOM-DESIGNED FILTER ELEMENTS	FILTER CLOTHS

SOLUTIONS FOR EVERY SCOPE

Sugar, lithium or kaolin – impossible to produce without filtration.

LENSER know-how is in far more products than you would expect! Every day, we use a variety of products that are made with the help of filtration processes.

For over 50 years, our filter elements have been used successfully in all kinds of applications. The chemical industry, the food industry, mining, and the extraction of high-quality minerals all rely on our expertise. Even in environmental protection, solid/liquid separation using LENSER filter elements has become established as a reliable process.

Our product developments have made filtration more efficient and forward-looking. Compliance with international standards and guidelines, especially in the production of food – such as food conformity – are our daily business. You as our customers can rely entirely on our expertise.

For further information, please contact our product managers.

No matter how individual your filter press or process may be...

We find the perfect solution for all areas of solid/liquid separation. In order to guarantee you the best possible price-performance ratio, we also draw the right product for your filtration process from our large standardized product range.



Chemicals

The way to a lasting future

For chemical applications, LENSER uses only materials with maximum chemical resistance to adapt to specific applications. Our products are convincing in their daily use with maximum stability and efficiency and are tailored to individual processes.

KEY APPLICATION AREAS
Aluminum oxide
Phosphate
Enzymes
Silicates
Dyes



Food

Source of life

In the food sector, LENSER attaches great importance to carefully selected and certified materials as well as highly engineered product solutions that are suitable for extreme parameters: from the lowest to the highest temperatures and pressure levels.

KEY APPLICATION AREAS
Beer mash
Agar-agar
Biofuels
Sugar
Fats



Mining

Foundation of industrial production

In the mining industry, LENSER filter elements perform very convincingly. Our products are extremely robust filter elements with abrasion protection. This means maximum throughput and a short cycle time. This way, the best possible filtration results can be achieved.

KEY APPLICATION AREAS
Gold/silver
Aluminum
Lead
Coal
Iron

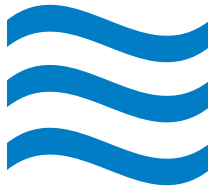


Minerals

Highest possible purity for best efficiency

In the minerals sector, LENSER only supplies robust filter elements with abrasion protection for areas exposed to hazards. Our products provide maximum throughput with a short cycle time. Nevertheless, we offer a standardized product range to provide you with the best possible value for money.

KEY APPLICATION AREAS
Calcium carbonate
Lithium chloride
Gypsum
Kaolin
Chalk



Environment

Thinking of tomorrow today

In the environment sector, LENSER offers a wide range of products based on decades of experience. Our product solutions are tailored to your process and your throughput/volume.

KEY APPLICATION AREAS
Industrial/municipal waste water
Flue gas desulphurization
Concrete recycling
Incineration
Fertilizers





AT HOME ALL OVER THE WORLD

LENSER supplies customers in over 150 countries all around the world.

Our employees and partners communicate with nearly 2,500 customers all over the world. Nearly 2,000 of our customers are based in industrialized nations and benefit from our filtration expertise. At numerous locations, you can contact competent LENSER staff personally and discuss your individual requirements and challenges.

LENSER can count on a large number of distributors who have been contributing to our success for decades. These distributors extend our reach to almost every region of the world!

○ Headquarters (Germany)

LENSER Filtration GmbH
Breslauer Strasse 8
89250 Senden

p: +49 7307 801-0
info@lenser.de

○ Sales office (USA)

LENSER Filtration GmbH
117 South Arch Street
Montoursville, PA 17754-2303

p: +1 5 08-4 04 14 09
usa@lenser.de

○ Sales office (Malaysia)

LENSER Asia Sdn. Bhd.
No. 20, Jalan PJU 3/49
Sunway Damansara
47810 Petaling Jaya, Selangor

p: +60 3-78 03 78 87
malaysia@lenser.de

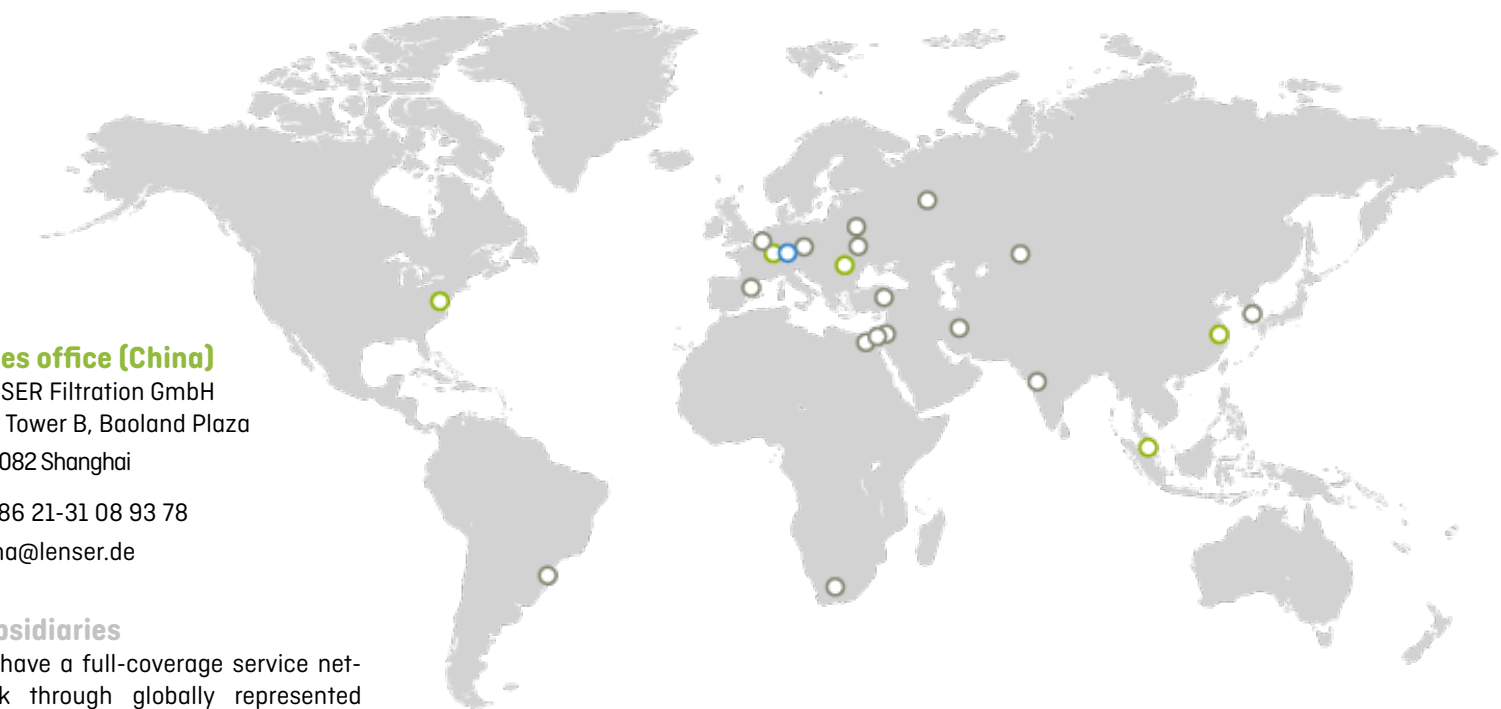
○ Sales office (China)

LENSER Filtration GmbH
15F, Tower B, Baoland Plaza
200082 Shanghai

p: +86 21-31 08 93 78
china@lenser.de

○ Subsidiaries

We have a full-coverage service network through globally represented distributors, e.g. in Portugal, Spain, or Korea.





WE MEET YOUR CHALLENGES

Do you want to increase efficiency while saving on resources and energy? Or is your goal to optimize your end-product? For decades, we have been supporting our customers personally and competently on site. Not only within Europe, but around the world, you can take advantage of LENSER services.

Even the smallest improvements in your filter elements can make a noticeable impact on your bottom line. All our products are tailored according to our customers' requirements. Our application engineers analyze suspension and filtration parameters in order to achieve the desired filtration results with the right filter elements.

LENSER offers you the best possible support for all questions about the filtration process. Based on 50 years of experience in multiple areas, we can give you reliable recommendations on the right process equipment and most suitable filter elements. Here, we work closely with our customers. This gives us the opportunity to make entire processes more efficient and to develop new solutions that lead to significant productivity gains.

Every day our filtration experts focus on consulting, upgrading, designing, installing, automating and maintaining the world's leading filtration solutions. We always use the latest knowledge from our R&D to improve all kinds of applications around the world.



LAB AND ON-SITE TESTS
We have lab and testing capabilities for process optimization.



PROCESS OPTIMIZATION
We offer process analysis and process tools to increase your profit.



REPAIRS AND UPGRADES
You benefit from optimization of machine and process performance, repair work and modernization.



LOCAL SUPPORT
We are happy to help you with our trained field service technicians.



TRAINING
On request, we offer operator training and tailored seminars for operating and maintenance personnel.

THE GREATER THE CHALLENGE, THE GREATER OUR INCENTIVE

LENSER has repeatedly assumed technological leadership in its more than 50-year history.

New, modern materials – such as polypropylene – or innovative production processes, such as the invention of membrane filter elements, have decisively influenced and improved the filtration results achieved in industry.

With intelligent filter elements and smart sensor solutions, we are continuing this tradition of innovation:
Wherever possible, we use state-of-the-art sensor technology during the analysis to provide a transparent display of the production steps within your filter press. Improvement options are visible and applied individually. Smart sensors and intelligent systems can also help you in your everyday operations if you need to be sustainable and competitive.

How can we help you solve your biggest filtration problems?
Contact your **#FiltrationExpert** or obtain more information at lenser.de/en.



Contact your
#FiltrationExpert

No business card here?
Visit us at lenser.de/en

LENSER Filtration GmbH

Breslauer Strasse 8
89250 Senden
Germany

info@lenser.de
lenser.de/en



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LENSER Filtration GmbH, Breslauer Strasse 8, 89250 Senden/ Iller, Germany.