

Industrial dosing,
filtration, mixing &
kneading solutions



DOSING | FILTRATION | MIXING | KNEADING | SERVICES

hasler-gp.com



WE CARE ABOUT YOUR PERFORMANCE

We place our history, experience, expertise and passion at your service to provide you with ever-better support, both tomorrow and for a long time to come.

Because our performance has an impact on our daily lives (cities, mobility, communications, health, consumer goods, etc.).

Because your performance contributes to everyone's future.

Because **ADDRESSING THE CURRENT AND FUTURE GLOBAL TECHNOLOGICAL, HUMAN AND ENVIRONMENTAL CHALLENGES** requires fully trusting our talents and equipment.

At all times, your performance is a key concern for the people who work in our diverse, multicultural teams throughout the world.

We are by your side to **help you continuously improve your processes**, ensuring greater safety, productivity, quality, reliability, flexibility and sustainability for your operations.

We work with some of the world's leading industrial players: HOLCIM, LAFARGE HOLCIM, VICAT, HEIDELBERG MATERIALS, FIVES, TITAN, CEMENGAL, SINOMA, INTERCEMENT, OCP, NUTRIEN, MOSAIC, SIMPLOT, EUROCHEM, INDORAMA, YARA, ANGLOAMERICAN, BOLIDEN, CEZINC, VALE, RIO TINTO, BHP, NYRSTAR, SOLVAY, ELKEM, EVONIK, ARKEMA, CARGILL, INEOS, HUMENS, VEOLIA...

 Discover our world in video

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EXPERTS AT YOUR SERVICE

As a manufacturer and key player in industrial performance, HASLER Group's mission is to design and manufacture solutions to help continuous process industries meet their challenges, for over 150 years and in over 140 countries.



KEY FIGURES

over 12,000 units installed



7K

BELT FEEDERS



1.7K

FILTERS



3K

MIXERS



400+

KNEADERS



THE GROUP

A leading industrial manufacturer to enhance the performance of continuous processes

We offer a range of multi-skilled solutions for continuous industrial processes: precision dosing, filtration (solid-liquid separation), mixing and kneading.

We offer a unique range of products, backed by **4** areas of industrial expertise and related services



DOSING



FILTRATION



MIXING



KNEADING



SERVICES

From cement to fertilisers, mining, minerals, metals treatment, hydrometallurgy, chemical processes, water and effluent treatment and flue gas desulphurisation (FGD) actors, we help the industrial world to overcome its challenges.

Our solutions are based on the skills of our talented teams and the reputation of our **equipment, which has been at the heart of industry for more than a century.**

Driving industrial transformation

We specialise in providing technical expertise and equipment tailored to the requirements and challenges of industry, throughout the product life cycle.

Our goal consists of optimising and sustaining the availability of industrial equipment at the key stages of their continuous processes: from audit to design, from manufacturing to installation, from commissioning to preventive and predictive maintenance.

OUR MISSION

Helping global industry to overcome its challenges

Imagining and creating optimum continuous process solutions to help manufacturers transform and **REINVENT THEMSELVES**. Providing support to the cement, fertilisers, mining (minerals and metals treatment), hydrometallurgy, chemical process industries, water and effluent treatment as well as flue gas desulphurisation (FGD) actors, **to help the industrial world overcome its challenges.**

OUR VISION

Backing the transformation of industry to meet current challenges

Industrial transformation is essential if we are to overcome the technological and environmental challenges of today and tomorrow.

At HASLER Group, we envision a future where industrial processing operations are safer, more productive, more modular, smarter and **MORE SUSTAINABLE** throughout the world.

OUR AMBITION

Being at the heart of the challenges facing global industry

Supporting our customers' performance and competitiveness over the long term as a **creative**, reliable and dynamic **partner**. Our commitment underscores the industrial know-how that is crucial to our areas of activity.

OUR VALUES

Like the roots of a tree, these values nurture us and ensure our growth

Embodied by the brand

- / Collaboration
- / Quality
- / Professionalism
- / Dynamism

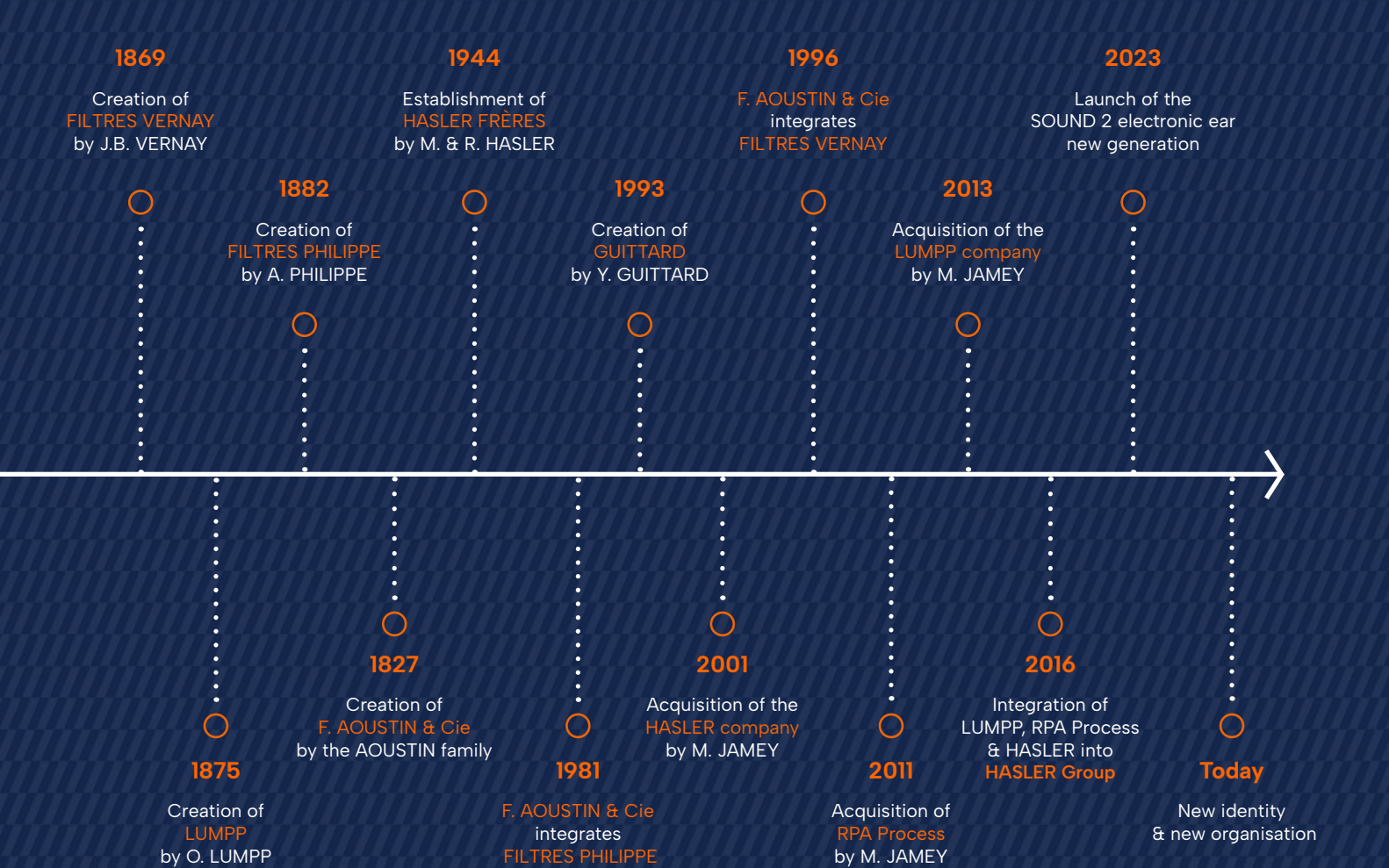
Embodied by the teams

- / Respect
- / Sharing
- / Diversity
- / Coherence



OVER 150 YEARS OF EXPERTISE SERVING INDUSTRY

The journey of HASLER Group products began with entrepreneurs who were passionate about the industrial challenges associated with continuous processes



Discover our expertises

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HASLER DOSING

Weighing and dosing: key steps in industry to ensure productivity and production quality.

HASLER Group's weighing and dosing solutions offer weight consistency, uniform control of material flow, and combine **precision, reliability** and **durability** to secure the quality and cost of the end product.



PHILIPPE, VERNAY, Aoustin FILTRATION

Expertise in filtration, or vacuum liquid-solid separation, plays a decisive role in ensuring the competitiveness of continuous process industries.

With HASLER Group's filtration solutions, you can **maximise cake drying, optimise liquid recovery**, achieve the **highest possible filtrate concentration**, remove specific elements from the cake (e.g. salts) and **enhance energy efficiency** while minimising water and electricity consumption.

UCP, GUITTARD KNEADING

Industrial kneaders designed by our experts, provide automated and continuous product homogenisation.

These kneaders **reduce operating costs, resist abrasion, corrosion** and **process viscous materials** with optimised volumes.

They feature adjustable infeed sections, multiple infeed and degassing points, compact dimensions and optimum performance.

LUMPP MIXING

Since 1875, LUMPP continuous mixing solutions have played a major role in the industrial mixing of fluids, ensuring a uniform distribution of components and excellent end-product quality.

LUMPP mechanical mixers **ensure the homogeneity of mixtures**, optimise reagent consumption, increase productivity, reduce batch processing times, improve the quality of mixed products and minimise costs.



MULTI-SKILLED SOLUTIONS

A unique range of products backed by **4** areas of expertise



HASLER FEEDERS



- Loss-in-weight gravimetric feeders
- Impact plate flowmeter
- Belt scales
- Calibration chains
- Electronic ears for ball mills
- Electronic controllers
- Software

VACUUM FILTERS

/ PHILIPPE
/ VERNAY
/ AOUSTIN



LUMPP MIXERS AND SCRAPERS



KNEADERS

/ UCP
/ GUITTARD



HASLER CARE SERVICES

Consulting and academic services

MECHANICAL AUDIT

The mechanical audit provides a detailed **inventory**, a **report on the condition of equipment**, a **roadmap for extending the life of your equipment** and a schedule for renewing wear parts.

PROCESS AUDIT

The process audit provides you with a **comprehensive, up-to-date diagnosis of your filter**.

Our technical experts provide you with solutions to improve the performance of your operations.

With this service, you can reduce the operating costs of your filtration process.

LABORATORY TRIALS

The laboratory trials allow you to **benefit from a filtration expert to achieve your goals**.

This service will help you size a new filtration unit or improve a filtration process using Büchner tests, while obtaining an economic assessment of your new filter.

CFD SIMULATION

CFD digital simulation is used to **optimise the design of your mixer**.

This is a key predictive tool for creating faster, more homogeneous and less energy-intensive agitation processes, which are therefore more economical.

This service reduces risks and unplanned production shutdowns. It enhances your responsiveness when you need to upgrade your process.

TRAINING

It's the tool you need to benefit from the **manufacturer's technical expertise**.

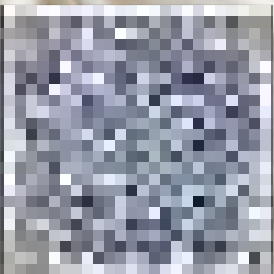
Thanks to a training course, enhance the autonomy and responsiveness of your operating, maintenance and process teams, thereby improving the efficiency of your machinery.

It anticipates your spare part needs with custom recommendations.



For more information on our services

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HASLER CARE SERVICES

Operational services



INSTALLATION & COMMISSIONING

This is the key to getting your equipment up and running in the most professional & safe way.

It allows for optimal alignment between your investment and the performance guarantees you expect. It guarantees an optimal transition between investment and production teams, and ensures effective post-commissioning support.



MAINTENANCE CONTRACT

With the HASLER Group manufacturer maintenance contract...

Our experts manage the availability of your equipment (MTBF and MTTR) on your behalf. They also extend the service life and reliability of your production equipment. This service guarantees the preparation and supervision of your shutdowns, reduces and schedules your downtime and anticipates your spare parts requirements.



PREVENTIVE & PREDICTIVE MAINTENANCE

Anticipate and simplify the management of your equipment with our manufacturer preventive and predictive maintenance service.

This service allows you to benefit from recommendations from our experts to make your installations safer thanks to our checkpoints. It optimises the preparation and scheduling of your maintenance shutdowns, anticipates your spare parts requirements and controls your production downtime for maintenance.



TROUBLESHOOTING & REPAIR

Benefit from manufacturer technical support to quickly solve your most complex problems with the help of our experts.

Backed by the expertise of our technicians, this service provides peace of mind when it comes to troubleshooting and repairs, so you can guarantee your results.



REMOTE SUPPORT

Thanks to our remote HASLER CARE ASSIST service...

You can improve your productivity and benefit from immediate, pertinent intervention to minimise equipment shutdowns.

You can also optimise your costs through remote advice from our technical experts.



WHICH INDUSTRIES?



CEMENT

For more than 80 years, HASLER Group has been a key player in the cement industry, improving quality and production volumes thanks to high-performance dosing solutions, while also reducing operating costs through reliable, sustainable solutions.

Our expertise will improve the technical skills of your teams and contribute to the development of new cement products with low CO₂ emissions, thereby contributing to the sustainable transformation of the industry, notably through the dosing of alternative fuels.



FERTILISERS

HASLER Group is a long-standing and valued partner to the world's fertiliser industry, providing solutions for increasing agricultural production with reliable equipment for phosphoric acid and potash processes.

Our dosing, filtration and mixing technologies help optimise fertiliser mixtures and ensure process safety and performance.



FINE AND SPECIALITY CHEMICALS

For several decades, our teams have been helping the fine and speciality chemicals industry meet its key challenges: adapting to market and regulatory requirements, standing out from the competition through technological innovation and minimising its ecological footprint.

The performance of our filtration, mixing and kneading solutions actively contributes to the production of pharmaceutical, agrochemical and cosmetic products.



MINING, METALS, MINERALS

Boasting more than 80 years of expertise, HASLER Group supports the mining and mineral processing industries by providing high quality products and reducing CO₂ emissions.

Our feeders accurately measure and control continuous flows of materials from mining processes. Our agitators optimise mixing and the kinetics reaction in mineral and metal treatment processes. Our filtration solutions remove liquid impurities from enriched rock.



HYDROMETALLURGY

For many years, HASLER Group has actively contributed to the priorities of global players in the hydrometallurgy industry by providing operational excellence solutions.

LUMPP industrial mixers ensure homogeneous mixing of rocks and solvents, essential for leaching processes or thickeners.

The recovery rate of our vacuum filters optimises the products to be recovered by maintaining the highest concentration without dilution.



WATER & EFFLUENT TREATMENT

Since 1875, LUMPP mixing solutions, exclusive to the HASLER Group, have been helping the drinking water and wastewater treatment industries to meet their challenges.

Our industrial mixing solutions suited to coagulation, flocculation and neutralisation processes, ensure adequate contact between reagents and contaminants.



FLUE GAS DESULPHURISATION (FGD)

Our solutions help reduce the impact on our environment and allow to meet regulatory and health requirements for a more sustainable industry.

Our dosing, mixing and filtration solutions optimise industrial flue gas desulphurisation operations, thanks to solutions that create value through the use of by-products from FGD processes.



INTERNATIONAL PRESENCE

Our industrial solutions are deployed in over 140 countries,
& we have 7 sites worldwide, backed by local presences & a network of agents.



KEY

- Countries in which are solutions are deployed
- 📍 Head office
- 📍 Office
- Local presence
- 📍 Production

HASLER Group (Head office)

4, avenue Pablo Picasso
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HASLER Germany (Office)

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48268 Greven – GERMANY

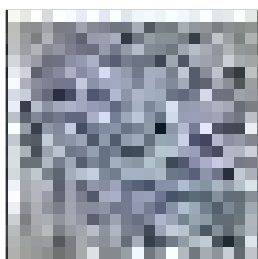
HASLER Shanghai (Office & Production)

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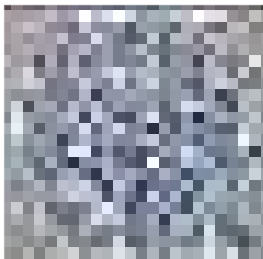
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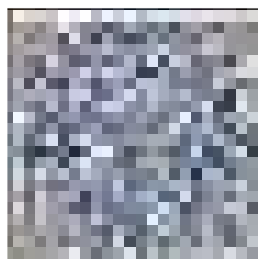
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Contact



Documentation



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HASLER
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