

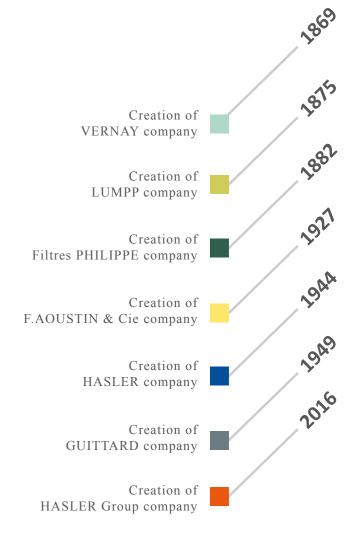
### Global process Total success **Our mission** To provide equipment with a high added value for the continuous process industries we serve a wide range of industries: cement, fertilizer, mines, metals, fine and speciality chemicals and minerals. Thanks to our new organisational structure, our international group combines strength and agility. HASLER Group, composed of independent organisations, has always placed its values of proximity and responsiveness at the forefront, qualities that are inherent in the size of our structure. We offer all the benefits of an international company that operates on a human scale, with products and brands that are benchmarks in their respective sectors. Our pride is not in the recognition of our leadership but in our quality and detailoriented approach, shared by our employees, whatever their geographic location and job in the HASLER Group. Michel JAMEY, Chairman HASLER Group

# The spirit of continuous innovation

FILTRES VERNAY®, LUMPP®, FILTRES PHILIPPE®, AOUSTIN®, HASLER®, MALAXEURS GUITTARD®....

All HASLER group brands bear the name of their founders, who have all shared a common passion to invent and innovate. Technological innovation is imprinted in the DNA of the HASLER Group, and has been our driving force for over a century. Dosing, mixing, filtration, processing

– our diverse activities are empowered by the development of our expertise.



## An international company on a human scale

Our ambition and entrepreneurial vision is to continue our development while foregrounding our human-centered policy, along with respect for each individual. We are convinced that the dynamism of our international business emerges from the skills of our employees.

Thanks to their commitment, their sharing and their understanding of our common goals, we are able to form long-lasting relationships with them.



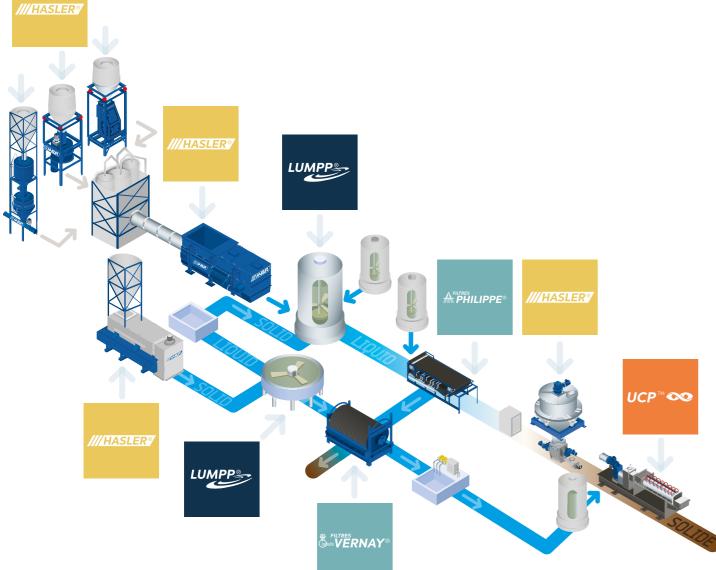












### **DOSING** BY HASLER®

HASLER® has created and developed dosing products and technologies dedicated to bulk materials. Its high-tech equipment is distributed all over the world, meeting the precision and reliability requirements of heavy-industry manufacturing processes.

### MIXING BY LUMPP®

Over the past 60 years, LUMPP® has developed a large range of impellers, as well as many different types of agitator heads. Through their reliability and durability, the agitators excel in meeting the demands of the water treatment, fertilizer, chemical and hydrometallurgical industries. LUMPP® also develops rakers for large tanks.

### FILTRATION BY FILTRES PHILIPPE®, FILTRES VERNAY® ET AOUSTIN®

FILTRES PHILIPPE® belt filters, AOUSTIN® table filters and FILTRES VERNAY® drum filters are all renowned worldwide. They can be used in all industrial sectors, from cement to aluminium, glass, steel, fertilizer, mines and quarries.

Our products, recognised as true market benchmarks, have been successful due to their proven performance and reliability in facilities around the world for over half a century.

### PROCESSING BY UCP™

 $UCP^{TM}$  is a piece of industrial equipment specialising in continuous agitation, with numerous applications in processing.

Specialised in the continuous mixing of high-viscosity materials,  $UCP^{TM}$  has acquired its expertise over many years of agitation experience in the GUITTARD® group.







### CEMENT

From the reception of the raw material in the factory to the dispatch of bag or bulk cement, the cement manufacturing process is controlled according to strict international standards.

At all stages of the cement-making process, HASLER® equipment doses granular and powdery materials with high accuracy, enabling our clients to comply with these standards

Changing environmental and economic pressures have caused many cement plants to adjust their strategies, opening up new prospects.

To assist them, HASLER Group has developed particular expertise in kiln feeding with conventional fuel (coal) or other alternatives.

### FERTILIZER

HASLER Group benefits from more than 70 years of experience with its LUMPP® agitators, AOUSTIN® table filters and FILTRE PHILIPPE® belt filters in the phosphate industry, as well as in potash and its derivatives (KCI, NACI etc.).

Our mixing and filtration technologies are at the heart of hemihydrate, dihydrate or combination processes in phosphoric acid production, as well as in other alternative processes.

Our expertise allows us to optimise energy consumption during the process, as well as the  $P_2O_5$  yield rate of the unit, while also minimising water consumption. We offer reliable, robust technologies which are equipped with the latest innovations in the field.

Moreover, HASLER Group's gravimetric dosing expertise guarantees the accuracy of fertilizer formulations, thus offering our clients finished products of high quality.

### MINES AND METALS

Variability in commodity prices and the impoverishment of mining resources oblige market players to optimise their investment and operating costs, while continuing to carry out considerable research efforts.

LUMPP® agitators, FILTRES PHILIPPE® belt filters and HASLER® feeders are all at the centre of numerous mining and hydrometallurgical processes (gold, silver, nickel, uranium, rare earths, aluminium, copper, cobalt, iron, lead etc.).

Developments in recent years have led us to find innovative technological solutions to reduce water and energy consumption, as well as to use new materials that match the expectation of continual new demanding standards in the processes.

### CHEMICALS

The fine and specialty chemicals market is in constant evolution, with numerous innovative products and formulations. The UCP™ processing technology of HASLER Group allows us to assist our clients in the development of their continuous production lines by integrating numerous phases into a single piece of equipment. To complement the UCP™, HASLER® dosing and LUMPP® mixing allow us to offer complete solutions that meet criteria for quality and energy savings.

### Some applications:

- Wet or dry granulation processes in flavours and ingredients
- Polymerisation, polycondensation, chemical reactions
- Formulation of high solids products (>90%) in various areas (batteries, ceramics, explosives, plastics, etc.)

The base chemicals industry uses continuous processes which HASLER Group solutions can cater for. FILTRES PHILIPPE® filtration, HASLER® dosing and LUMPP® mixing solutions demonstrate their quality across numerous processes in terms of their reliability, robustness and performance, guaranteeing our clients high, optimised levels of production.

### Some applications:

Bicarbonate of soda, amino-acids, glass, silica, base polymers (PVC, PS, etc.).



### TECHNICAL SUPPORT



For start-up, commissioning, calibration and maintenance of installations. Multilingual, qualified service all over the world.



### **SPARE PARTS**

An experienced team will respond to all your requirements. The components exchange service will deliver quickly and efficiently to every destination.

### REPAIRS



Upon receiving your defective component, our team of technicians will quickly diagnose the problem and offer to repair or exchange the part as soon as possible.

### **TRAINING**



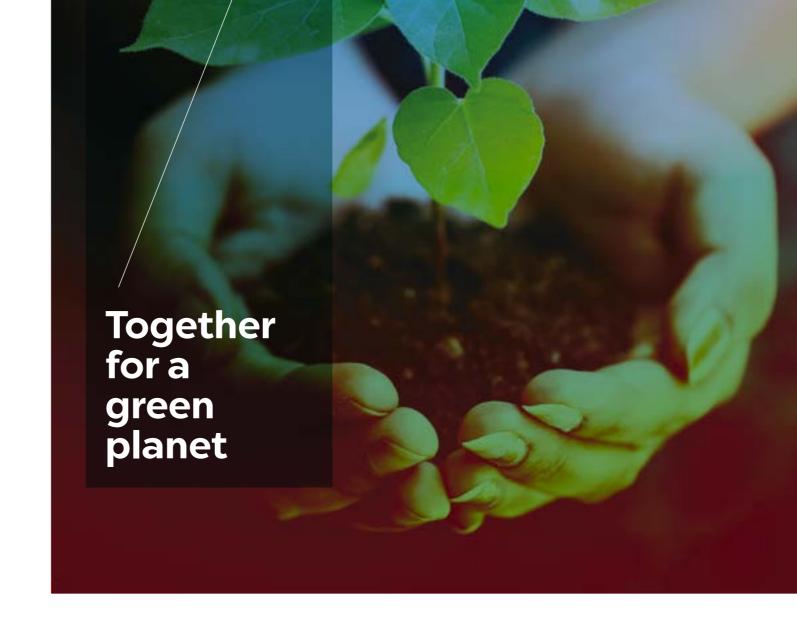
A complete programme adapted to your needs and our technologies, provided in all languages by qualified, experienced teams. Training can be delivered at our training centres or directly on site.

### **RESEARCH & DEVELOPMENT**



Innovation is in the DNA of the HASLER Group. Our engineering teams ceaselessly develop and improve solutions in order to make them ever more competitive, while maintaining the overall objective of service quality.





### HASLER GROUP, WITH A "H" FOR HUMAN

More than the equipment, it is the men and women in the company that make the difference, all of them sharing a strong conviction.

A veritable human adventure, HASLER Group has ceaselessly reinvented itself through its employees, who bring beyond their skills, a genuine sense of commitment.

In a company built on a human scale, each person must fulfil their duties, but can really feel as an active participant in their work at the same time, which is a considerable difference compared to large, anonymous organisations. The ambition of remaining available and attentive inspires the group to progress every day, without altering its values.

### PROTECTING THE PLANET

Focusing environmental protection has become our greatest priority to which we have devoted significant attention in our actions and initiatives. Our equipment is always designed to enable clients to reduce waste (solids, gas) and purify liquid waste.

Naturally, we recycle our waste, but we also optimise treatments to bring a significant reduction in energy consumption. Being a 21st Century industry means moving from good intentions to responsible actions by acting from the very heart of the company. Each employee is encouraged to reduce their energy and paper consumption and to find solutions which are more respectful of the environment.

### **Q** Our sites in France:

### HEADQUARTERS - PONT-EVÊQUE

Sales, finance, marketing, engineering, R&D, services, testing laboratory, research department, human resources

### OFFICE - Nanterre

Sales, design office, engineering, research department, human resources

### FACTORY - Le Mêle-sur-Sarthe

Manufacturing, assembly

### Subsidiaries in Europe:

### SWITZERLAND - Neuchâtel

Sales, services, finance, research department

### GERMANY – Lengerich

Sales, services, research department

### SPAIN – Barcelona

Training centre

### **Q** Our subsidiaries worldwide:

### CHINA – Shanghai

Sales, finance, marketing, engineering, R&D, services, testing laboratory, research department, human resources, manufacturing and assembly

### CHINA – Tianjin

Sales, engineering, services, research department, manufacturing and assembly

### MOROCCO – El Jadida

Maintenance and services, administrative department

### MOROCCO – Safi

Maintenance and services

More than 40 sales agencies around the world



Headquarters: ZI l'Abbaye – 496 rue Louis Bréguet, 38780 Pont-Evêque – Tel. +(33)4 74 16 11 50

