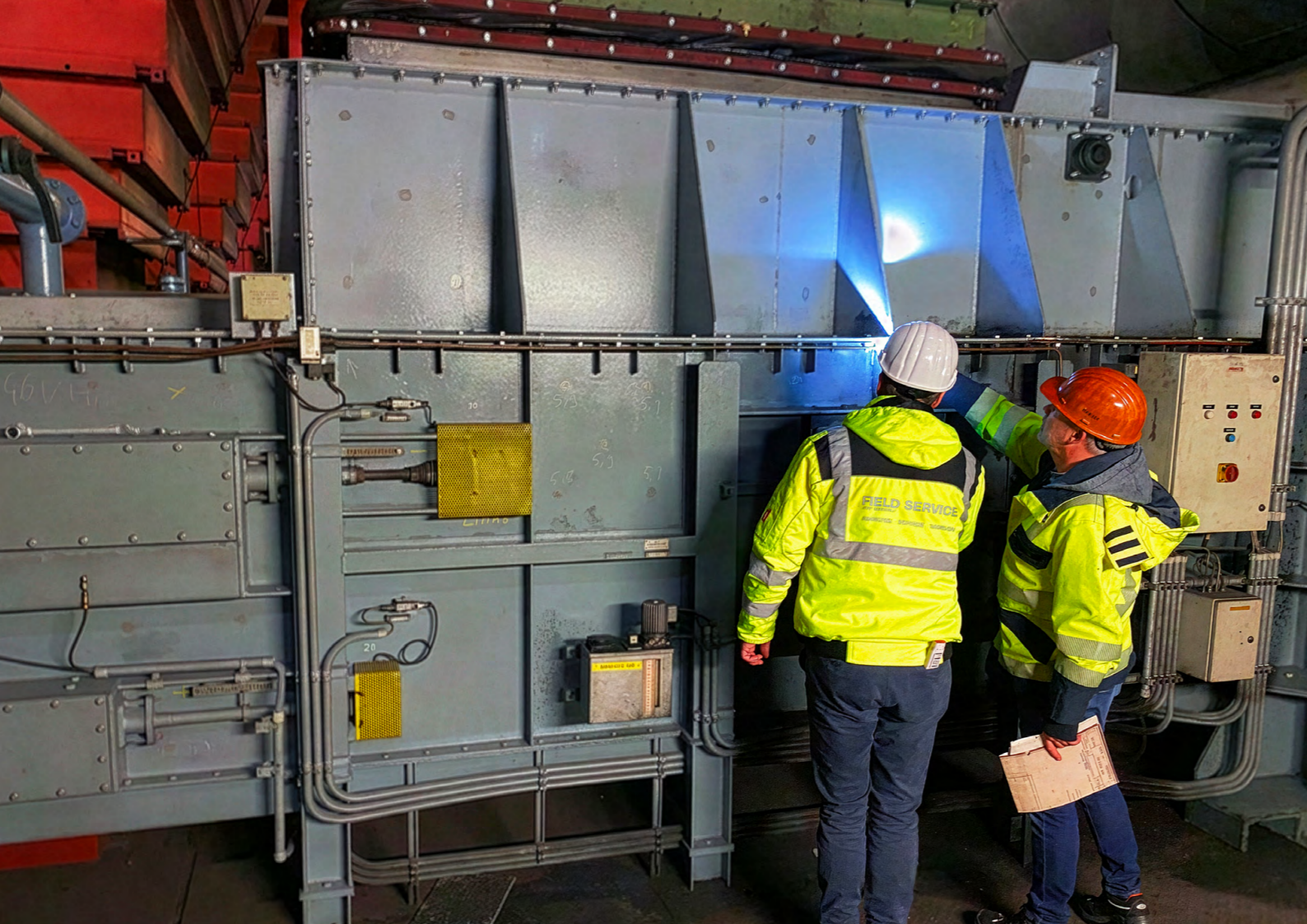




**AUMUNDGROUP**

YOUR EQUIPMENT.  
UPGRADED  
PERFORMANCE.

CONVERSION



# THE BENEFITS OF CONVERSION

## A TECHNICALLY AND ECONOMICALLY SOUND SOLUTION

Targeted modernisation or upgrading of existing plants enables sustainable performance improvements through tailored technical solutions. Mechanical upgrades, the modernisation of automation and control systems, and the standardisation of components enhance reliability, safety and energy efficiency. At the same time, downtime is reduced and existing infrastructure is optimally utilised, resulting in lower investment and operating costs.



### INCREASED EFFICIENCY AND ENERGY SAVINGS

Higher throughput, reduced downtime and lower operating and energy costs.



### HIGH RELIABILITY AND PLANT AVAILABILITY

Stable operation and an extended service life are achieved through targeted mechanical and electrical upgrades, as well as component standardisation.



### ENHANCED SAFETY

Compliant with modern technical, safety-related and regulatory requirements.



### REDUCED ENVIRONMENTAL IMPACT

Lower emissions and more efficient use of existing infrastructure.

## FROM ANALYSIS TO COMMISSIONING

### CONVERSION EXPERTISE OF THE AUMUND GROUP

The AUMUND Group supports every stage of the conversion process, from initial analysis to successful commissioning, for both AUMUND and third-party machines. Conversion projects are based on a detailed technical assessment of the existing system and an individual engineering design. Implementation is carried out flexibly by in-house teams or the AUMUND Group Field Service, depending on the specific on-site requirements.

- **INSPECTION**  
Analysis and development of tailored technical solutions.
- **ASSESSMENT & CONSULTING**  
Technical evaluation of the plant condition and identification of optimisation potential.
- **RETROFIT & MODERNISATION**  
Technical upgrading and adaptation of existing equipment to current standards and performance requirements.
- **SUPERVISION & EXECUTION**  
Professional implementation, supervision and integration of measures into existing processes.
- **AUTOMATION**  
Modernisation of control and automation systems.
- **SPARE PARTS & UPDATED DOCUMENTATION**  
Use of modern, standardised components with long-term spare parts availability and updated technical documentation.

### WHEN CONVERSION IS THE RIGHT SOLUTION

- ✓ The existing infrastructure can continue to be utilised
- ✓ Capacity or efficiency needs to be increased
- ✓ Downtime must be minimised
- ✓ Safety or environmental requirements are changing
- ✓ Modernisation projects can often be financed through maintenance budgets (OPEX)
- ✓ Investment budgets (CAPEX) are limited, or lengthy approval processes need to be avoided.
- ✓ Fast implementation during ongoing operation is required



# AUMUND

## FEEDING & CONVEYING

- Increased efficiency and throughput
- Improved plant reliability
- Optimisation of safety and operation
- Reduction of energy consumption and emissions



### Typical systems

Belt and chain bucket elevators, pan and chain conveyors, apron feeders, hot material and cooling conveyors, discharge systems, feeders

# SCHADE

## STORAGE & RECLAIMING

- Increased reclaiming capacity
- Stabilisation of material flow
- Improved blending quality
- Automation and control upgrades



### Typical systems

Stackers, reclaimers, longitudinal and circular storage, rail-mounted shiploader and wagon unloading systems

# EUROSILO

## STORAGE IN SILOS

- Dust-free and emission-controlled storage
- Maximum capacity with minimal footprint
- Protection of sensitive materials
- Automated filling and discharge systems



### Typical systems

Mass Flow, Slotted Column, Hatched Column, Window Column

# SAMSON

## LOADING & UNLOADING

- Increased handling capacity
- Stabilised operational processes
- Reduced material losses
- Efficiency improvement through automation



### Typical systems

Mobile Shiploader, Eco Hopper, Stormajor® and Stormajor® Boom Feeder, Mobile Feeder

## CONVERSION ACROSS THE ENTIRE PROCESS CHAIN



The AUMUND Group offers comprehensive conversion solutions for the entire bulk materials handling process, including feeding, conveying, storage and loading. By combining the expertise of AUMUND Fördertechnik, SCHADE Lagertechnik, ESI EUROSILO and SAMSON Materials Handling, we create integrated solutions that are precisely tailored to your plant's requirements.

With over 3,000 machine conversions completed in the last 25 years and a global Competence Centre dedicated to conversions, the AUMUND Group has extensive experience and standardised engineering processes. Our goal is to maximise your use of existing infrastructure while providing the optimal technical and economic solution.



**CONVERSION**  
AUMUND GROUP

# AUMUND GROUP SPANNING THE GLOBE

## GLOBAL PRESENCE

The AUMUND Group delivers reliable and efficient solutions for conveying, storage and loading of bulk materials worldwide. With a strong international presence, local expertise and proven technologies, we support industrial customers throughout the entire lifecycle of their plants.

## LIFECYCLE SUPPORT

The AUMUND Group operates service centres and warehouses in strategic industrial regions worldwide. Dedicated service teams support inspections, maintenance, modernisation and upgrades – including PREMAS® predictive maintenance and on-site consulting.



### EUROPE

**AUMUND Holding B.V.** | The Netherlands  
**AUMUND Fördertechnik GmbH** | Germany  
Branch Office Dubai | U.A.E.  
Branch Office Istanbul | Turkey  
**AUMUND S.A.R.L.** | France  
**ESI Eurosilos B.V.** | The Netherlands  
**SCHADE Lagertechnik GmbH** | Germany  
**SAMSON Materials Handling Ltd.** | Great Britain  
Branch Office Bristol | Great Britain  
**TILEMANN GmbH** | Germany  
**AUMUND Group Field Service GmbH** | Germany  
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**AUMUND Machinery Technology Co. Ltd.** | China  
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**AUMUND Engineering Private Ltd.** | India

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WE CONVEY  
QUALITY