

THE KAHL GROUP

AMANDUS KAHL | DEVEX | HEINEN | NEO MONTEC |
NEUHAUS NEOTEC | PRUESS | SCHULE Mühlenbau





ONE GROUP MANY SOLUTIONS

The KAHL Group



The KAHL Group is at your side right from the start when it comes to planning turnkey factories and plants.

Six strong machine and plant manufacturers and one assembly company form the globally active and internationally successful KAHL Group. Their focus is on machine and plant construction, process engineering as well as research and development.

The Group comprises the independently operating companies AMANDUS KAHL, DEVEX, HEINEN, NEO MONTEC, NEUHAUS NEOTEC, PRUESS and SCHULE Mühlenbau. They all offer solutions for different industries. Whether compound feed

plants, oat mills, coffee roasting plants, food freezing plants or high-quality extraction lines: there is hardly an industry that is not covered by the seven strong partners.

In addition to new technologies, a high level of trend awareness and a strong market orientation, the companies have in common a long company tradition. The founding years 1856, 1876 and 1892 underline how successful and established the companies' own technologies are on the market.



KAHL GROUP

Technology pioneer in research and development for all the industries we serve



250

Turnover of more than
€ 250 million

Connect with us



9000

With more than 900 employees worldwide and subsidiaries, agencies and service technicians on all continents, the KAHL Group is at the customer's side every day.



Online shop

6

Machine & plant
manufacturers

1

Assembly
company

Made in
Germany





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process engineering**
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GRASS VEGETABLES PELLET MILLS
 OAT MILL COMPOUND FEED INDUSTRY
 CANNABIS WEAR PARTS SIP COSMETICS
 EVAPORATOR DRUM GROAT CUTTER TRAININGS
 DRYING
 FLUIDIZED BED TECHNOLOGY PHARMACEUTICS
 BATCH PLANTS IMPACT HULLER COOLING
 FLAKING REPAIR SERVICE LEGUMES PELLETS
 SUGAR INDUSTRY BELT COOLER
 WOOD REMOTE MAINTENANCE
 NUT PROCESSING COCOA PROCESSING COFFEE ROASTER
 VIRTUAL REALITY SPARE PARTS PASTA



SOLVENT RECOVERY CHEMISTRY
 RICE MILL FABRIC BELT DRIER PASTEURISER
 FRUIT PILOT PLANT CONTINUOUS PLANTS
 SHELLING HYGIENE TABLE SEPARATOR COMMISSIONING
 OILSEEDS SEPARATION
 GREEN COFFEE CENTRE ASSEMBLIES MEDICINE
 BELT DRIER COFFEE PROCESSING COATER
 CRUSHING ROLLER MILL CONCENTRATES EVAPORATION PLANTS
 SYSTEM CONTROL FREEZER PILOT PLANTS
 INSTALLATION VACUUM DRYING CIP MEAT
 RECYCLING INDUSTRY EXTRACTORS
 PREPARATION PROCESSES FREEZE-DRYING
 FLAVOURS AND COLOURANTS INSTANT COFFEE PAN GRINDER MILL



EXPERTISE

AMANDUS KAHL



Pelleting, expanding, extruding, crushing, drying, cooling, coating, mixing



Fluidized bed technology, agglomeration, coating, spray granulation, drying, microencapsulation



DEVEX



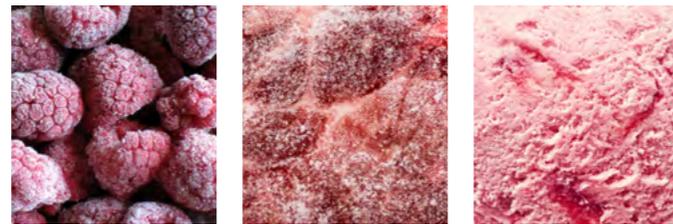
Drying, distilling, rectifying, cleaning



HEINEN



Cooling, freezing, pasteurizing



NEO MONTEC



Complete industrial assemblies for machinery, steel construction and pipework



NEUHAUS NEOTEC



Roasting, grinding, refining



PRUESS



Extraction, cleaning, evaporation, distillation, sterilisation



SCHULE MÜHLENBAU



Cleaning, sorting, shelling, steaming, flaking, groating



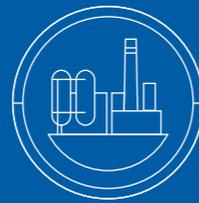


AMANDUS KAHL

Your first contact for pelleting machines as well as for upstream and downstream processes such as drying, crushing, expanding and cooling

Founded in

1876



Industries

Biomass, feed, by-products, recycling, food, chemicals, pharmaceuticals

Managing Directors

Joachim Behrmann
Dr. Victoria Behrmann
Sebastian Mertens



Main products

Machines
Machine lines
Turnkey plants



Scan the code now
and learn more

Processes

Fluidized bed processes (batch or continuous)

- Drying and cooling
- Agglomeration
- Spray agglomeration
- Spray-drying agglomeration
- Coating
- Micro-encapsulation

Machines

- Pellet mills
- Expanders, extruders, conditioners
- Roller mills, pan grinder mills, crumblers, hammer mills
- Rotospray, vacuum coaters
- Mixers
- Driers
- Coolers
- Batch FB
- Conti FB



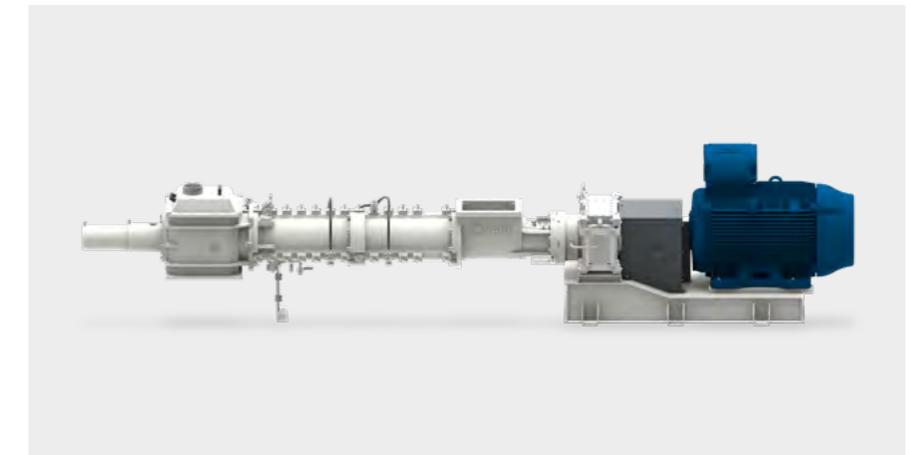
AMANDUS KAHL

AMANDUS KAHL serves the needs of different industries with its machines and plants. The focus is on the flat die pellet mill, which holds a key position in the machine manufacturer's production and is known worldwide for its unique process technology. In addition, KAHL offers machines for crushing, conditioning, drying, cooling, compacting and coating.

Furthermore, AMANDUS KAHL provides professional solutions in the field of fluidized bed technology. Apart from the compound feed and biomass industry, AMANDUS KAHL also supplies technical solutions for the recycling, food, chemical and pharmaceutical industries. By-products from a wide range of industries can also be pelleted without any problems.



↑ Pellet mill



↑ Expander

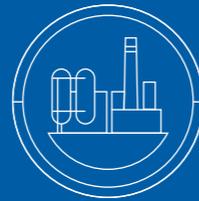


DEVEX

Professional development of process plants with a focus on extraction, evaporation and drying of various substances. Expansion of the company division since 2022 to include plant and piping construction.

Founded in

2015

**Industries**

Food, beverages, pharmaceuticals, chemicals, cosmetics, bakery products

Managing Directors

Sven Wildförster
Christoph Markmann

**Main products**

Process plants for
plant-based substances



Scan the code now
and learn more

Systems and Plants

- Extraction plants
- Evaporation plants
- Vacuum drying plants
- Freeze-drying plants
- Instant coffee/tea plants
- Pilot plants
- Process plants
- Plant and piping construction



DEVEX

DEVEX's portfolio can already be derived from the company name, as the initial letters stand for the three basic process pillars: Drying – Evaporation – Extraction. The focus is on the planning, design and implementation of plants for drying, evaporation and extraction – especially of plant-based substances. In addition,

DEVEX also deals with current trends in the field of sustainability, for example in a plant construction project for the production of biodiesel. The majority of DEVEX's customers can be found in the food / beverage industry as well as in the pharmaceutical industry.



↑ Cryo ethanol extraction plant

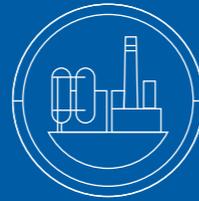


HEINEN

Machines and plants for pasteurizing, proofing, cooling and freezing of all kinds of foodstuffs

Founded in

1856



Industries

Food (bakery products, meat, fish, poultry, ready meals, ice cream)

Managing Director
Jochen Hottinger



Main products

Spiral systems for different processes, buffer freezer systems and fluidized bed system as well as the corresponding conveying technology



Scan the code now
and learn more

Systems and Plants

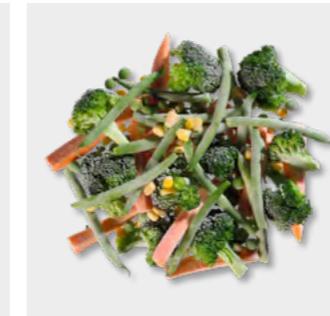
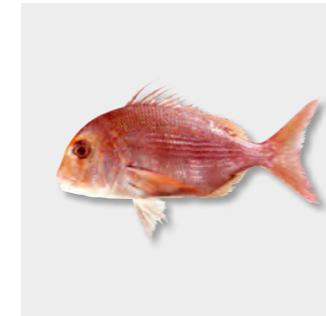
- Spiral conveyors
- Spiral pasteurizers
- Spiral proofers
- Spiral coolers
- Spiral freezers
- Carton freezers
- IQF freezers



HEINEN

The company's history begins in 1856. Originally founded by Anton Heinen as an iron foundry under the name "Heinens Fabrik", the name HEINEN has always stood for reliable technology and solid machines. In 1982, HEINEN participated in a joint venture for the production of spiral freezers. In 1984, the company began designing

and building plants at its own headquarters in Varel. The move to Jade, around 10 km away from Varel, marked the beginning of a new era for HEINEN in 2024. The new site comprises office buildings and production halls with a total assembly area of 2,700 square meters.



↑ Spiral freezer arctic

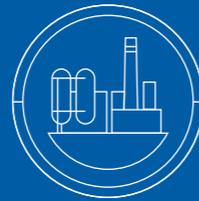


NEO MONTEC

Complete industrial assemblies for machinery, steel construction and pipework

Founded in

2018



Industries

Feed, recycling, biomass, chemicals, pharmaceuticals, food and more

Managing Directors
Peter Osuch



Main activities

Complete industrial assemblies for machinery, steel construction and pipework



Scan the code now and learn more

Systems and Plants

- Pelleting plants
- Wood plants
- Compound feed plants
- Coffee roasters
- Pilot plants
- Machines and plants for cooling and freezing food
- Extraction and evaporation plants
- Cleaning plants
- Pipework construction and more



NEO MONTEC

The assembly company, based in Lubin, Poland, was founded in April 2018 and carries out machinery, steel construction and pipework assemblies. Thanks to its wide range of services, NEO MONTEC is flexible and highly qualified –

both for the commissioning of the most diverse machines and plants of the KAHN Holding as well as for external customer projects outside the group.



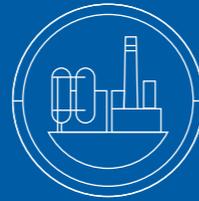


NEUHAUS NEOTEC

Specialist for the treatment and processing of green coffee and the roasting of coffee, cocoa, nuts, oilseeds and much more

Founded in

1931



Industries

Coffee, cocoa, nut processing, oilseeds, grinders for the chemical industry

Managing Directors

Dr. Victoria Behrmann
Ralf Torenz



Main products

Machines
Machine lines
Turnkey plants



Scan the code now
and learn more

Machines and plant control systems

- Roasters
- Grinders
- Conveyors, elevators, bucket elevators
- Screening machines, metal separators, colour sorters, destoners
- Weighing systems
- Colour measuring instruments, leak test systems



NEUHAUS NEOTEC

Since the 1990s, NEUHAUS NEOTEC coffee technology has been conquering the market, especially with the help of the very successful roaster model RFB. In the meantime, the company enjoys international renown and has achieved an export share of 80%.

In addition to the coffee industry, the company from Ganderkesee near Bremen also supplies the cocoa and nut processing industries. The highly innovative grinders from NEUHAUS NEOTEC are also used in the chemical industry.



↑ NEOGRIND for ultra-fine grinding

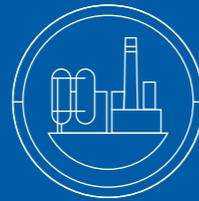


PRUESS

Specialist in plant engineering and extraction technology
with a focus on thermal process engineering

Founded in

1978



Industries

Pharmaceuticals, food

Managing Director
Dr. Michael Nussbaumer



Main products

Process plants for the
pharmaceutical and
the food industry



Scan the code now
and learn more

Systems and Plants

- Extraction plants
- Evaporation plants
- Solid-liquid extraction
- CIP/SIP
- Professional cleaning equipment
- Plant qualification
- Pilot plants



PRUESS

PRUESS has been part of DEVEX since 2021. The company specialises in solid-liquid-extraction, evaporation techniques, CIP/SIP and mixing techniques, and thus strengthens the presence of the KAHL Group in the pharmaceutical and the food industry. The product portfolio of PRUESS includes

process plants such as extraction and evaporation plants as well as buffer preparation systems for the pharmaceutical and the food industry and cleaning systems (CIP/SIP). PRUESS relies on modern engineering methods, including augmented reality (AR) and virtual reality (VR).



↑ Extraction plant

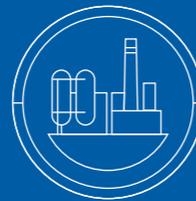


SCHULE MÜHLENBAU

Planning and manufacturing of state-of-the-art processing machines and plants for oat, rice and speciality milling

Founded in

1892



Industries

Cereals (rice, oats, wheat, barley, rye, spelt, quinoa, buckwheat, bulgur, couscous), pulses, oilseeds, plant based proteins

Managing Directors

Marius Hermes
Heiko Otte-Witte



Main products

Individual machines
Production lines
Turnkey plants



Scan the code now
and learn more

Machines

- Circular and vibrating screens, plansifters
- Destoners, de-awners, indented cylinders, sorting cylinders
- Aspiration channels, high-capacity closed circuit husk separators, counter-current coarse sifters
- Impact hullers, rubber roll shellers
- Table separators
- Colour sorting machines
- Cylindrical/conical whitening machines
- Oat polishers, polishing machines
- Kilns
- Drum groat cutters
- Dampening and heating screws, hydrothermal conditioners, horizontal pressure belt cookers
- Flaking roller mills, fluidized bed driers, fluidized bed coolers



SCHULE Mühlenbau

The name SCHULE Mühlenbau stands for quality in the food industry. The machine manufacturer looks back on more than 130 years of experience in the design and manufacture of machines and plants for the grain and legume industry. The technical know-how is reflected in high product

purity, high quality and state-of-the-art processing methods. One of the most successful machines, for example, is the table separator for the rice, oat, spelt and sunflower seed industries, which has been used hundreds of times and is patented.



↑ Drum groat cutter



↑ Table separator



www.akahl.com



www.devex-gmbh.de



www.heinen.biz



www.neomontec.com



www.neuhaus-neotec.com



www.pruess.gmbh



www.schulefood.com