

Grinding.

Mixing.

Conveying.

Filtration.

EUROmilling

EUROmilling



Grinding. Mixing. Conveying. Filtration.

**Whatever your challenge,
we have the solution.**



Working closely
with our clients
is at the heart of
our success.

EUROmilling a/s is a specialist in grinding equipment for processing feed and advanced industrial materials.

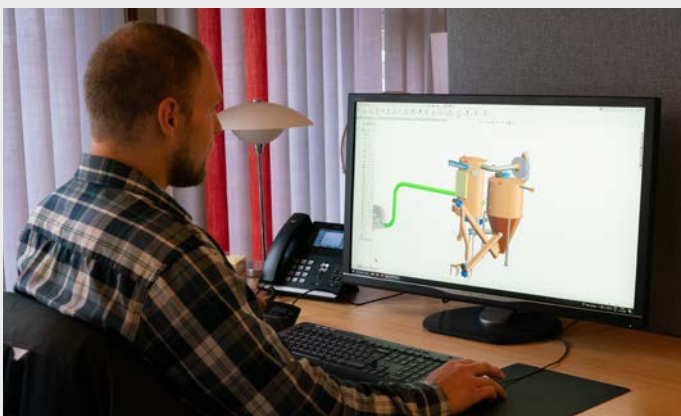
Our extensive line of hammer mills, granulators, pre-crushers, and roller mills is specially designed from years of experience. We offer solutions and equipment for a wide variety of material size reduction processes within the Biomass, Food, Pharma, Chemical and Off-shore industries.

EUROmilling designs, develops, and manufactures custom-built solutions, whether these are a single mill or complete process plants. Our complete turnkey solu-

tions include equipment for material storage, grinding, mixing, weighing, dosing, and transport of material applications.

Close collaboration is essential

At EUROmilling, we work in close collaboration with our clients to define and fulfil their core needs. Central to our work process, this partnership helps elevate clients' business through strategy, design, and development – ultimately allowing us to implement the very best solution to solve our clients' challenges and optimizing their processes.



**CLEANER - SAFER
& MORE EFFICIENT**



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We develop, test,
and deliver doc-
umented turnkey
machinery in col-
laboration with
our customers.



Consulting and project management

Working closely with our clients is at the heart of our success. Whether we are building a process plant or a bespoke solution, development takes place in close collaboration with the customer. We are with you every step of the way to guarantee your every need is met, be it through continuous consulting, project management, design phase, installation, and aftermarket services. To ensure that our solutions meet the requirements, we have developed a project management system, which, among other things, ensures that all machine specifications are described before the construction phase begins. The system also ensures that there is traceability

of all significant decisions throughout the project, and that the customer is kept up-to-date at all times.

Technical product development and construction

EUROmilling has a permanent staff of skilled product developers and engineers who work with the most modern drawing programs on the market, which means that today we exclusively use 3D programs for development and construction. Among other things, this gives us the opportunity to showcase our constructions as an e-drawing, giving our customers a full overview of the machine systems.

AVS Danmark

The automation partner of Euromilling

Automation - Process - Filtering - Motion

www.avsdanmark.dk

AVS

Experts in biomass.

EUROmilling manufactures hammer mills for biomass and complete process plants, for grinding of fibrous materials – for example wood pellets, wood chips, straw, pulp, paper, as well as residues from agriculture and other industry. We supply special equipment for fine grinding of biomass with a high moisture content. In the power plant industry, many energy services seek to replace parts of the oil and coal fuel with biomass, including wood pellets and chips, as well as wet wood chips.

Take a closer look at a top-of-the-line hammer mill

Part of our wide range of specialized hammer mills, the EUB mills UNIT offers a simple and effective complete grinding solution. The hammer mill integrates all functions in the grinding process into one solution: hammer mill, self-cleaning nozzle filter, ventilator, and hopper, including empty auger. These are constructed and dimensioned to work together in any grinding solution.

The hammer works by grinding products into smaller particles. In the process, the

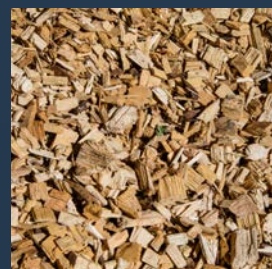
product is led to the mill via conveyor belt, auger, or similar equipment, which can be capacity regulated by means of a frequency converter. When the product falls into the grinding chamber, it is split up into smaller particles by rotation of the hammers. Replaceable, wear-resistant brake plates in the top part of the grinding chamber stop the rotation of the product and increase the grinding efficiency.

- Motor size up to 450kW
- Capacity: > 15 ton/hr.
- Energy consumption: By replacing competitor equipment with EUB units, we have achieved energy savings of 61%

All EUB hammer mills can be delivered with wind sieve, which is a simple solution to sieve stones and metals away.

Service and maintenance

EUROmilling offers service contracts on systems and machines that contain fixed service intervals, ensuring maximum up-time and optimal operation of the machine.



Transport er ikke længere blot kørsel fra A til B. Du som kunde har forskellige transportbehov.

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Reference

Stora Enso

In collaboration with Stora Enso, EUROMilling has developed a solution for the production of wood fibers for biocomposite materials as a replacement for fossil-based plastics. Biocomposite combined with bioplastics used as a raw material may reduce the carbon footprint of the product by up to 80% in comparison with virgin plastics.

The solution has come about after extensive clarification and testing work in order to be able to produce a fiber with the right structure in a production plant. The plant consists of a raw material intake, fiber production units with metal and stone separation, Bigbag filling stations.

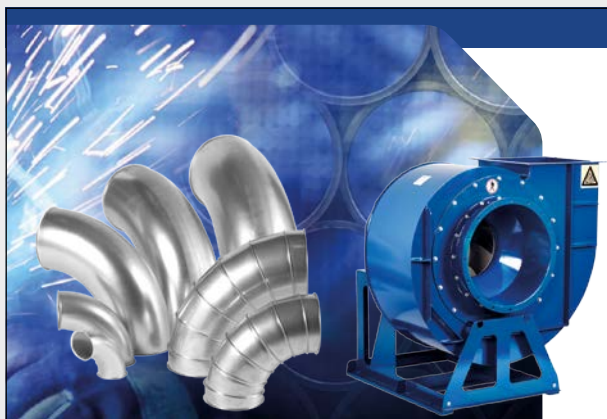


Reference

Amomatic Finland

Together with Amomatic Finland, one of the world's leading suppliers of asphalt plants, EUROMilling has developed a modular biofuel system using dust burners for use in heating kilns and boilers. The plants are made to be capable of handling many different types of biofuel – wet wood chips, straw, pellets, and residual products from agriculture.

The solution can also be employed in a decentralized manner for local district heating plants. We are able to make wood powder plants from 300kW to 38MW.



DEDICATED TO CLEAN AIR

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Total solutions for the food industry.

Ever since our founding in 1994, we have manufactured process equipment for the food industry, building extensive experience in supplying equipment and total solutions to the sector. We guarantee that the food contact material is manufactured in accordance with current legislation: EU regulation 1935/2004, as well as Danish rules on materials and ob-

jects intended for contact with food. Our complete plants include equipment for shredding, milling, mixing, storage, weighing, dosing, as well as mechanical and pneumatic transport of various materials, ingredients, and powders for the food industry. Euromilling designs and manufactures equipment and total solutions with Clean-in-place (CIP) technology.



EUROmilling is certified by the Danish Veterinary and Food Administration (DVFA).

Our mixers are certified by the U.S. Food and Drug Administration (FDA).

Reference

Project solution for client in food industry

In close collaboration with our customer, we have created a project solution that can mix raw materials with different allergens, as well as mixtures that are allergen free – on the same plant.

In collaboration with the customer, a solution was chosen for cleaning the system with CIP. This solution has helped streamline the cleaning process significantly, thus achieving higher production time on the plant.

Mixing powders and granules for food

The control of the mixer is based on recipes with fully automatic dosing for the mixer in the desired order, and with intermediate blends for sensitive ingredients.

Crushing of raw materials before mixing oil and sugary products. Gentle mixture with optimal homogeneous mixture even with different density and particle size. Dosing with air transport through sieve and metal detector.



In-house testing centre

At EUROmilling, we offer to perform grinding tests of your material at our in-house, full-scale testing centre. Here, we can show you the capacity, particle size distribution, and the possibilities of using our grinding plants. A grinding test is crucial in determining the optimal solution for your project.



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”Good collaboration is primarily about culture”

“Trimatic is the market-leading go-to expert for all types of electrical panels, and when you invest in process optimisation, it is our ambition that the result is a technological quantum leap. That is why we have a sharp focus on quality and simplicity, which are two words that go together for us, and that can never stand on their own,” says Claus Sørensen, owner and CEO of Trimatic.

“It’s primarily about the culture in the company and the culture and set of values we have in common with EUROMilling.”

Technological front-runner

Trimatic is a control supplier to EUROMilling, and the collaboration offers complex challenges, such as the development of a giant mixing plant for dry matter – a task that perhaps no other supplier could have solved.

“EUROMilling is a partner that fits perfectly into our business strategy, and our in-

tention was to get the task done on such an ambitious and unique project,” says Claus Sørensen.

The experienced team has built a revolutionary construction process that models everything in advance.

Intelligent process simulation

“All our panels are constructed in 3D, and the 3D drawings generate a parts list for our cable supplier that produces wires with printed numbers and in exact lengths. In much the same way, our cabinet supplier can drill all holes precisely in advance,” says Claus Sørensen.

Installation in record time

The standardised workflow with 100% correct drawings makes the efficiency of the installation completely unsurpassed.

“Our fitters install the electrical panel, and it is done quickly because they know where every single wire goes.

The result is:

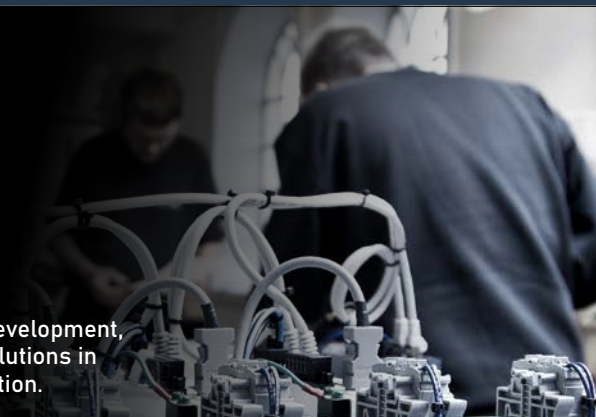
- 60% reduced installation time. In some cases, production is not affected at all.
- 98 % fewer installation errors.
- And you avoid a huge waste of wires.

“So, both Trimatic and EUROMilling are the kind of problem-solvers that many call for when things get extremely difficult!” says Claus Sørensen.

trimatic A/S
AUTOMATION

Technologically out front

Trimatic leads the market with experts in project guidance, development, programming, and documentation for exacting automation solutions in innovative industries wanting revolutionary process optimization.



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