VETTERTEC
PASSION FOR DRYING

CUSTOMIZED DRYING SOLUTIONS
FOR CHEMICALS, CERAMICS & HARD METALS

Perfectly adapted to your individual requirements

Whether you process high-purity **pigments, polymers, minerals, ceramics** or **hard metal powders,** VetterTec's proven and efficient drying technologies turn demanding slurries and suspensions into uniform, free-flowing powders. Our portfolio ranges from pilot and demo units right up to full-scale plants with capacities of several tonnes per hour.
Spray dryers and flash dryers evaporate water or solvents in a precisely controlled hot air stream, protecting product integrity and maintain the **exact particle size and properties** you specify. Each dryer is custom designed by our dedicated engineering team using **CFD-assisted design, ATEX-compliant layouts** and **fully integrated heat-recovery concepts.**


Spray Dryers


Flash Dryers


Drying Systems

7 GOOD REASONS FOR VETTERTEC DRYING SOLUTIONS

- **Proven drying technologies** and **process know-how**
- **Test center** for small-scale drying trials
- **Flexibility in the use of the energy source** (e.g. steam, electricity, gas, process waste-heat)
- **Energy-optimised drying technologies** with efficient design and heat recovery
- **Closed loop system** for solvents drying with inert gases
- **Particle design** for spray drying
- **Long-term spare parts availability** protects your investment

WHY CHOOSE VETTERTEC

With more than **3600 systems installed worldwide** – hundreds of them in chemical and advanced-materials plants – VetterTec is a trusted partner for industrial drying and dewatering.
Manufacturers put their trust in the **high quality** and **good return on investment** of our equipment. Designed for **low energy consumption, minimal emissions – and outstanding performance.**

RESINS POLYMERS PIGMENTS MINERALS CERAMICS HARD METALS

VetterTec – Passion for Drying

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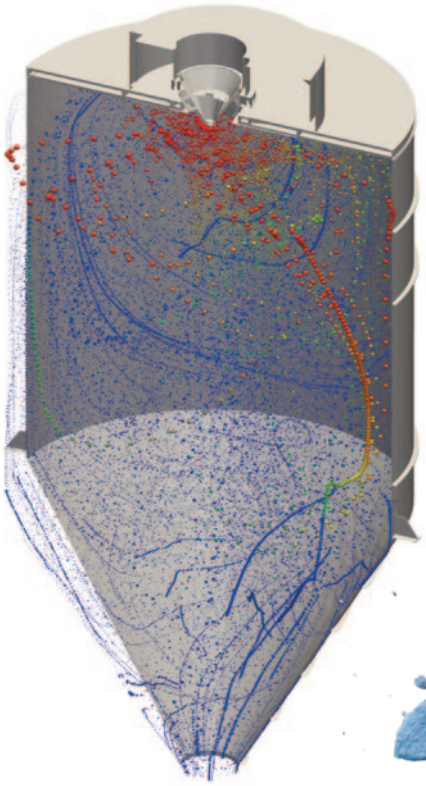
SUCCESSFUL DRYING SOLUTIONS FOR THE CHEMICAL INDUSTRY

CUSTOMIZED DRYING SOLUTIONS

To ensure the proper dryer design, VetterTec runs CFD simulations to visualise the airflow, temperature gradients and particle distribution in the drying chamber. This data is used to define the dryer geometry and guarantees a narrow particle size distribution from the first production batch.

Our spray dryers are equipped with rotary atomizers or high-pressure nozzles – selected to match your requirements according product characteristics, solvent system and target bulk density. The result is a consistently reproducible powder quality, ready for further processing or direct packaging.



CFD simulation of an existing spray dryer.

Pilot-scale spray dryer in the VetterTec Test Centre – bridging the gap between lab results and industrial production.

TEST CENTRE FOR PRODUCT DEVELOPMENT

Pilot scale spray drying or flash drying tests in the VetterTec test centre generate the scale-up data you need: Quickly and confidentially. Working side by side with your process specialists, we fine-tune process parameters and configure the optimal dryer layout for your product.

With more than 95 years of experience in drying technology we support our customers from the early dryer concept and engineering phase, equipment selection, delivery, construction, start up and operator training to after sales services for the dryer in operation.

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