
HAZARDOUS WASTE IN FOCUS. ADVANCED TECHNOLOGY FOR CONTAMINATED MATERIALS.



AVA
DRYNAMIX

Many industrial processes generate hazardous waste. These often consist of soils and sludges, which are contaminated with pollutants. Legal regulations increasingly require reprocessing of this hazardous waste

The AVA Thermal Cleaning technology enables advanced treatment of hazardous waste for the further recycling process. Pollutants are recovered as recyclables, making it an economically and environmentally beneficial process.

**CUSTOMIZING
TURBULENT
ACTION**

A BHS Company

AVA THERMAL CLEANING TECHNOLOGY. ECONOMICAL TREATMENT OF HAZARDOUS WASTE.

The AVA Thermal Cleaning technology enables economical treatment of hazardous waste for the further recycling process.

The input material is thus separated into a solid residue and a liquid condensate, the constituents of which can then be recovered as further valuable substances after another treatment.

High temperature

The AVA Thermal Cleaning Technology is a closed system whose core units are vertical or horizontal, batch-driven or continuous high-temperature evaporators, which are selected appropriately to the product (s) and the desired process.

Safe and efficient process

The AVA evaporator works on the principle of contact drying under vacuum. As a result, the boiling temperatures can be significantly reduced, resulting in significant energy savings. The closed system also simplifies operation for the protection of operators and the environment. Harmful substances can not escape unintentionally from the process.

Exemplary applications

- Thermal cleaning of contaminated bulk materials, soils and sludges
- Recovery of solvents
- Evaporating and concentrating of contaminated wastewater

... as well as numerous more special applications in the environmental and recycling industries.

Tailor-made systems

Due to our extensive experience within the scope of process technology almost every customer-specific design is feasible for us. As a full-service company, AVA offers a complete range of services: from the basic engineering through tests, basic design and construction to production, installation, commission, training and on-site service.

Contact us now!

Your Contact

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Perfect Performance:
Horizontal and vertical evaporators in heavy-duty design for maximum lifetime

AVA Thermal Cleaning Technology

Your benefits at a glance.

- Specially developed heavy-duty design for maximum lifetime
- High-temperature applications up to 650°C
- Evaporating of high-boiling or temperature-sensitive products under vacuum
- Highly economical due to low operating costs and high availability
- Mobile and semi-mobile designs possible