
HAZARDOUS WASTE IN FOCUS. ADVANCED SYSTEMS FOR SHREDDING - MIXING - PUMPING.



BHS
SONTHOFEN

The efficient use of resources is becoming increasingly important. Thus, the use of fuels that are fabricated from waste with a high calorific value is a growing global market for the substitution of the well-known conventional fuels like oil, mineral coal, lignite, gas, etc.

Instead of dumping this hazardous wastes in landfills the production of fuels is an important way to save natural resources and to protect the nature.

TRANSFORMING
MATERIALS
INTO VALUE

BHS SMP TECHNOLOGY. TURNING WASTE INTO PUMPABLE FUEL.

BHS has developed systems for pre-treating hazardous waste prior to incineration that achieve higher throughput performance in combination with lower construction and maintenance costs and additional low pollution emissions. Many of these pretreatment plants for hazardous waste incineration have been successfully realised worldwide.

Effective incineration

The system is based on the principal that constant gross calorific values and regular piece sizes together with consistency of the fuels being charged form the basis for a highly effective incineration.

- Shredding + mixing + pumping of solid and liquid hazardous waste = even charging of material by appropriate mixture
- Developed for waste pre-treatment before incineration by means of rotary furnaces
- Realised in worldwide plants with capacities between 0.5 and 10.0 t/h
- Flexible plant design

Exemplary applications

- Alternative fuels in the cement industry
- Incineration of hazardous waste ... as well as more special applications in the environmental and recycling industries.

Extended operation times

The simultaneous mixing and buffering of an input quantity of up to two hours – based on the throughput performance of the incineration plant - means that one is also independent of, for example, operating errors and delays during the charging of the plant. This means that the incineration plant is able to run 24 hours a day at highest throughput performance and at highest efficiency.

Contact us now!

Your Contact

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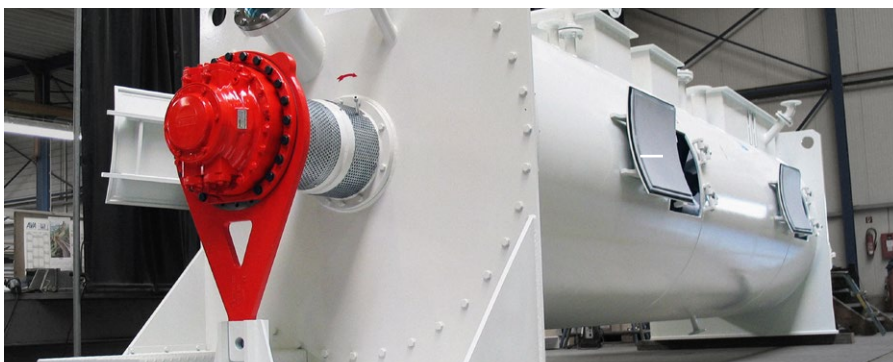
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Perfect System:

Continuous
high-performance shredder
and continuous
heavy-duty mixer



BHS SMP Technology

Your benefits
at a glance.

- Higher throughput
- Higher durability of furnace lining
- Less pollution emission
- Compliance with environmental protection laws
- Higher profit by lower costs