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Waste disposal with a system

The shredder system from the FAZ series

With the shredder system, waste material and surface waste are shredded and fed to the pneumatic suction process. As components of a modularly and redundantly designed Deltoid system and thanks to the simplification of returning waste into the production cycle, the payback time of the whole investment is shortened. Costs for in-plant transportation do not apply.

The Deltoid shredder system is designed constructively for optimum energy efficiency and maximum availability in order to avoid the risk of a system standstill.

When newly constructing a system, the shredder system helps you to save production surface area as the suction components can be laid underneath the ground. In this way, you require considerably less space for the lift truck paths.

The robust structure of the shredder system has been developed for demanding permanent use in the production and processing industry, for example in the fields of paper, cardboard, aluminium foil, composite material etc.

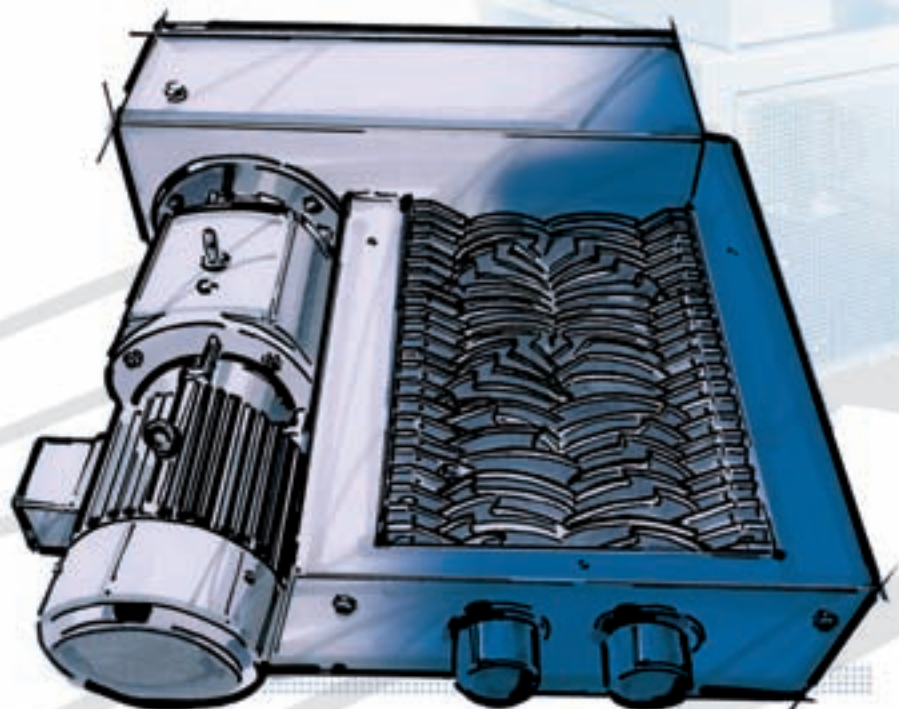
Made in Germany! You can rely on the quality and reliability of our units!

Deltoid systems engineering for maximum economic effi- ciency

- The shredder system from the FAZ series is a modular systems component with which maximum economic efficiency in production lines is reached.
- This is supported by the use of tested systems engineering, optimised dimensioning and production with tried and tested components.

Areas of application

- Large volume industrial waste
- Cardboard packaging
- Aluminium, plastic foil
- Palette waste
- Production waste
- Files, computer (EPD) lists, discs, cds
- Raw material recycling: Glass, plastic, paper etc.



Technical Information

The shredder system from the FAZ series



Functioning of the shredder system

Feed and shredding

The material is fed to be shred via the inlet funnel. The shredding process is carried out via two slow turning cutting shafts which work in opposite directions and which have suspended blades made of special steel.

The housing construction

The gear box and cutting box housing consists of a stable grey cast iron construction. Both cutting shafts are stored both in the crossbeam as well as in the gear box housing and sealed to the housing and cross beam inner surface with seals.

Drive

The drive takes place via a spur gear motor with downstream spur gears.

The next stage for the material

The shredded surface waste is either fed freely downwards into a container, or sucked out of a charging hopper by a transportation ventilator and fed to the recycling process through a pipeline.



High degree of working and operational safety

The shredder system makes a high degree of safety possible due to a multiplicity of improvements

- Optimisation of the handling
- Reduction of manual workload
- Avoidance of long set up times
- Reduction of maintenance workload

The advantages of the shredder systems at a glance

- High efficiency
- Wide range of use due to robust construction
- High economic efficiency due to simple return of waste into the production cycle
- Maximum lifetime
- High system availability
- Easy to maintain and low maintenance workload
- Less manual handling



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