



Alpine offers zigzag classifiers in two different designs: MZM and MZF. Each design is available in a range of machine sizes from a single-tube to a multi-tube classifier.

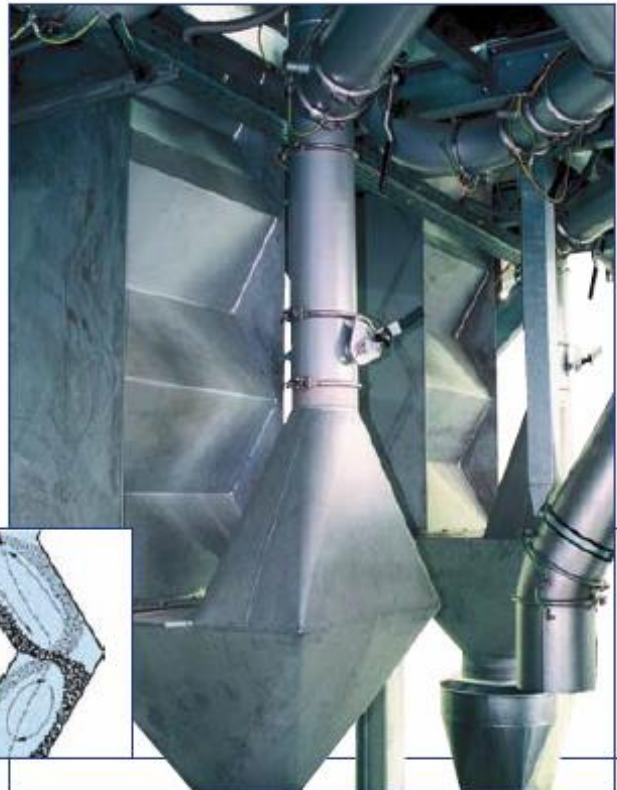
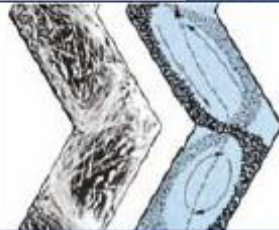
Ideal for sharp separations in the range d_{97} = approx. 0.3 - 10 mm. Throughputs can range from a few kg/h in the case of the laboratory classifier up to approx. 200 t/h for the industrial-scale multi-tube classifier.

Classification takes place at every change in direction of the Zig-Zag tube and permits an extremely high, steplessly adjustable precision of cut. The result is clean-cut fines or lightweight material, even under overload conditions.

FEATURES

- Maintenance-free and wear-resistant
- Overload-proof
- Insensitive to changes in the feed material composition

Because of these characteristics once set, the classifying system can be operated over long periods without any supervision at all.



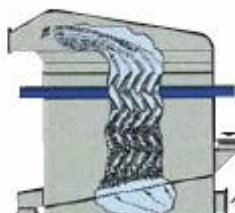
MZM DESIGN

Feature:
Feed material introduced into the middle part of the zigzag tube.



MZF DESIGN

Feature:
Feed material introduced at the lower end of the classifying tube via a flybed channel. MZF classifiers are used for granular materials that are either free-flowing or can be dispersed with air.



APPLICATIONS AREA

OLEAGINOUS FRUITS

Classifying systems for separating cracked soy beans or sunflower seeds.

PRECIOUS METALS

The separation of copper, aluminium or lead from the insulation material of previously cut cable scrap.

Dust removal from plastic granules, coke, chalk, fertilizers, bauxite, etc.