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## Flake Crusher

### Fine - but not too fine



With the Flake Crusher brittle, easily broken materials are **crushed** gently.

Flake Crushers are also known as screen granulators, screen graters, screen breakers or strainers.

The material to be crushed is strained through a screen with the horizontal rotor. The crushing movement of the rotor can take place both in an oscillating and in a rotating manner.

Typically the circumferential speed is around 1 m/s. Due to this the Flake Crusher is often used in hazardous dust areas.

### Applications

- Crushing of lumped salts and hygroscopic substances
- Desagglomeration tasks
- Desagglomeration after drying and mixing
- Crushing of flakes to granulate
- Recycling of tablets
- Dust-free crushing

### Technical details

- Horizontal grinding area
- Screen netting of 0.5 - 10 mm with support material or grinding sheet
- Easy, quick screen change and cleaning
- Easy disassembly and assembly
- Made completely from stainless steel
- CIP/WIP available
- Can be made inert

### Accessories

Flake Crushers FC can be optimally equipped for every application:

- Intake and discharge funnel
- Inlet chute with protective grid for manual feed unit

- Connection flange
- Specifiable frame (lifting column, slewing mechanism, rollers, ...)
- Seals with gap air flushing
- Inerting

#### Machine sizes

Flake Crusher	FC 200	FC 300	FC 400	FC 500	FC 600
Type of drive unit (kW)	0.75	1.1	1.5	2.2	2.2
min. throughput kg/h	50	75	100	125	150
max. throughput kg/h	500	750	1,000	1,250	1,500

