

FLAKE CRUSHER AFC

Improved to give best grinding results



HOSOKAWA ALPINE

Process technologies for tomorrow.

FINENESS REDEFINED

THE AFC PRODUCT LINE FOR INDIVIDUAL SOLUTIONS

You place maximum demands on the fineness of your bulk materials? With the AFC flake crusher, we have the perfect answer for crushing both on a laboratory scale as well as on an industrial scale up to 1.5 t/h. What that means for you: ONE single product line in a number of different machine sizes for a maximum range of applications. The principle of operation is quick and simple to explain: the rotating grinding tool conveys the material through a sieve mesh, a screen

with rasp-like perforations or a grinding sheet. The AFC flake crusher crushes brittle and easily breakable materials extremely gently. The speed dictates the throughput whereas the mesh width of the screen dictates the degree of crushing. The crushing movement is a rotating movement. Accordingly versatile are accessories and design variants. Thanks to the low peripheral speed of 1 m/s, the flake crusher is used predominantly in hazardous dust areas.

TEST IT FIRST – BEFORE YOU DECIDE

Make use of our unique service and test your special system configuration during the planning phase in **Hosokawa Alpine's testing centre**. Over 60 machines and complete systems are available as well as test laboratories at two locations. The result: You receive a system concept tailored to your individual requirements. **Interested? Get in touch with us!**

»» THIS IS WHAT COUNTS

HIGHEST PRODUCT QUALITY

- › Low-dust granules
- › Particle sizes from 0.5 to 10 mm possible
- › The gentle crushing process prevents high portions of undesirable fines

FLEXIBLE CONTAINMENT SOLUTIONS

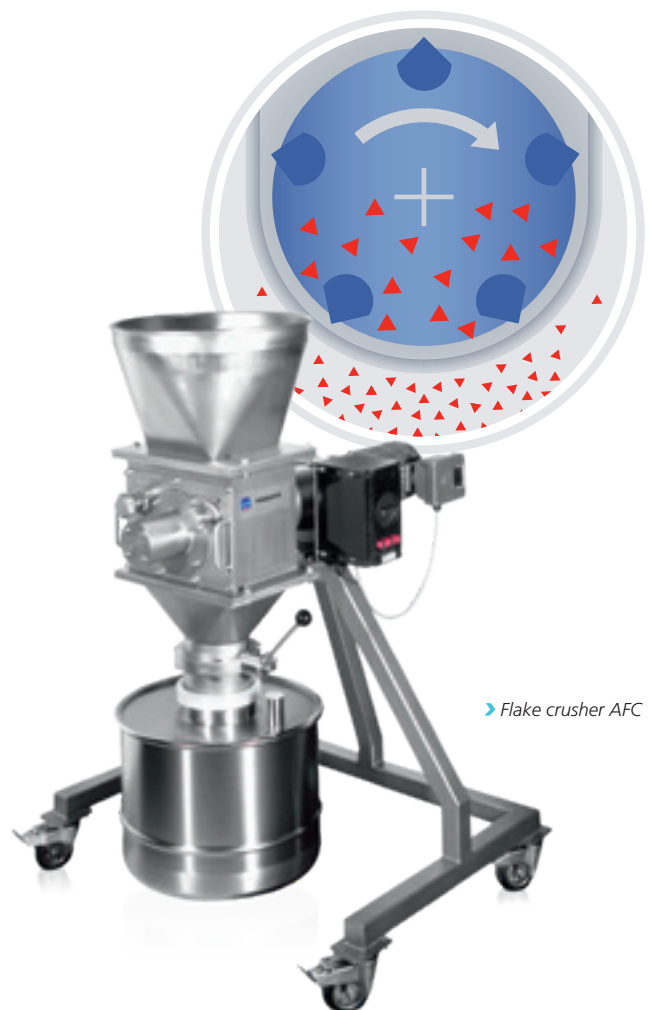
- › In combination with an APC C 250 Kompaktor
- › Different containment solutions can be realised

SUSTAINABLE COST EFFICIENCY

- › Extremely low-maintenance
- › Short downtime during screen change and cleaning
- › Flexible in use

ATTRACTIVE PRODUCT DESIGN

- › Horizontal grinding chamber
- › Cylindrical rotor
- › Screen mesh with support material or grinding sheet
- › Conidur or corrugated plates
- › Wide range of accessories and design variants



TECHNICAL SPECIFICATIONS

| | AFC 200 | AFC 300 | AFC 400 | AFC 500 | AFC 600 |
|-------------------------|----------|----------|-------------|-------------|-------------|
| Drive (kW) | 0.75 | 1.1 | 1.5 | 2.2 | 2.2 |
| Weight (kg) | 100 | 125 | 150 | 175 | 200 |
| Throughput (kg/h) | 50 – 500 | 75 – 750 | 100 – 1,000 | 125 – 1,250 | 150 – 1,500 |
| Smallest batch size (g) | 500 | 500 | 1,000 | 1,000 | 1,000 |

FULL SERVICE – FROM ONE SINGLE SOURCE

Decide in favour of the individually coordinated **service options from BLUESERV**. Optimise your processes – comfortably and reliably – with flexible maintenance agreements, stock or call orders for spare parts, regular system checks and intensive support. Interested? Always at your service! www.blueserv.de

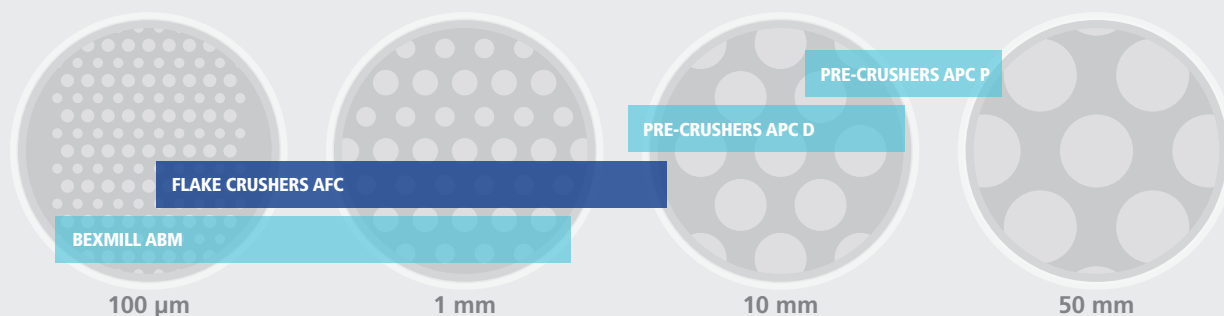
WIDE APPLICATION RANGE

- › Homogenisation of mixtures
- › Crushing of soft to medium-hard materials including stipulation of the top cut, e.g. in the case of rejects
- › Granulation of flakes
- › Increase of the bulk density
- › Disintegration of agglomerates
- › Increase flowability of materials that are clumped together or with poor flowability bulk materials



PERFECTED TO SUIT YOUR REQUIREMENTS

Achievable end-product sizes





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