NEW

ALPINE CALCIPLEX AIR CLASSIFIER ACP

Time for a new classifier generation

HOSOKAWA MICRON

HOSOKAWA ALPINE

Process technologies for tomorrow.

MORE PERFORMANCE – LESS ENERGY

Experience a significant increase in efficiency with the Alpine Calciplex ACP

The demand for the large-scale production of ultrafine, non-abrasive mineral powders is increasing all the time. High time to develop a new generation of classifiers, classifiers which satisfy the high quality requirements placed on the end product and which simultaneously exhibit a convincing level of efficiency.

And this is where Alpine's innovative high-performance classifier, the Calciplex ACP, sets new standards. With an energy consumption reduction of 25 %, the classifier impresses with a simultaneously increased performance potential. And because the Alpine Calciplex ACP is moreover extremely robust and runs smoothly, it guarantees first-class results in the production of mineral powders, even under extreme load conditions. Which is just what you would expect from the global market leader for industrial air classifiers. After all, the classifiers built by Hosokawa Alpine have been known for decades for their brilliant technological performance when it comes to achieving maximum fineness values and fines yields.

YOU CAN COUNT ON IT

- Robust classifier housing of solid cast iron ensures smooth running and durability
- Low pressure drop
- Low classifying wheel speed
- Optimisation of the classifying wheel on the basis of the in-house developed NG geometry
- Energy savings of up to 25 % compared with long-established machine generations
- Maximum throughput rates in the fineness range d97 = 6–40 µm
- Ideal in a closed circuit with ball mills or as a high-performance final classification unit
- Constant particle size distribution with precise top cut
- Excellent price-performance ratio

TECHNICAL SPECIFICATIONS

ACP PRODUCT LINE	800	1000	1250
Scale-up factor	1	1.6	2.5
Fineness, max d97 (µm)	6	7	8
Standard drive (kW)	45	75	110

ACP PRODUCT LINE	800	1000	1250
6 µm (kg/h)	1,600		
8 µm (kg/h)	2,700	4,400	6,800
10 µm (kg/h)	3,600	5,800	9,000
20 µm (kg/h)	6,300	10,100	15,800
45 µm (kg/h)	9,500	15,200	23,800

Fines yield at d97

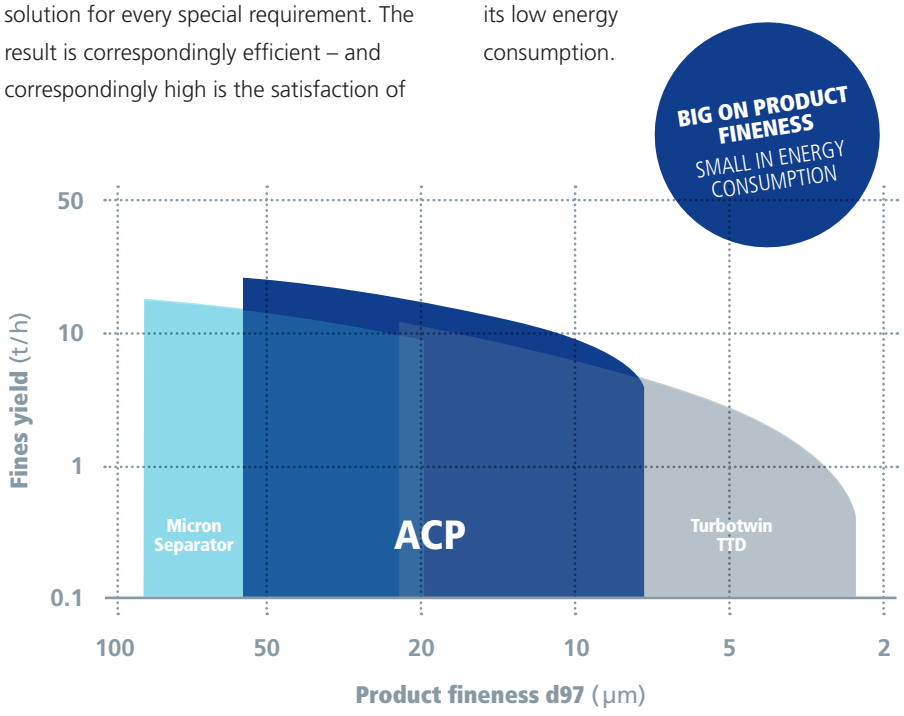
FULL SERVICE – FROM ONE SINGLE SOURCE

*Decide in favour of the individually coordinated **service options from BLUESERV** and prolong the life cycle of your system in this way. Optimise your processes – comfortably and reliably – with flexible maintenance agreements, stock or call orders for spare parts, regular system checks and intensive support. **Interested? Get in touch with us!***

INDIVIDUAL REQUIREMENTS CALL FOR INDIVIDUAL SOLUTIONS

The wide range of Hosokawa Alpine classifiers means that there is always a perfect solution for every special requirement. The result is correspondingly efficient – and correspondingly high is the satisfaction of our customers. The Alpine Calciplex ACP convinces among other things as a result of its low energy consumption.

As one of the many different classifiers for medium and high product fineness values, the Alpine Calciplex ACP fits in perfectly between the MS and TTD product lines.



Convince yourself personally of the many advantages of the new classifier generation! We'd be happy to hear from you.

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Any questions? Just call – we are happy to help.

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