

E3 BEATERS

More capacity – less energy with the new ACM beaters



HOSOKAWA ALPINE

Process technologies for tomorrow.

EFFICIENCY HAS A NAME

New E3 beaters maximise your productivity.

Use of the new E3 beaters achieves throughput increases of up to 20 % when compared to your current ACM classifier mill. Energy savings mean you can reduce your production costs to a minimum.

The effectiveness of comminution processes is doubled in terms of high loading intensity and frequency, thanks to the novel geometry of E3 beaters. We minimise the inwards-directed stagnation point flow which hinders performance, ensuring that you benefit from the

optimum exploitation of energy achieved with the new beaters. Specific energy consumption is greatly reduced as a result.

Order your new ACM classifier mill with E3 beaters – or simply allow our specialists to retrofit your existing plant. It's your choice. An investment in E3 beaters frequently pays off within as little as a year.

OVERVIEW OF ADVANTAGES

LOW PRODUCTION COSTS

- Short batch durations, thanks to increased throughput
- Low specific energy demand
- Short setup times, thanks to the broad fineness range of the milling equipment
- Longer service lives, as the speed reduces wear

HIGH PRODUCT QUALITY

- Low fines content
- Low heat development during grinding
- Low product contamination through abrasion

UNCOMPLICATED RETROFITTING

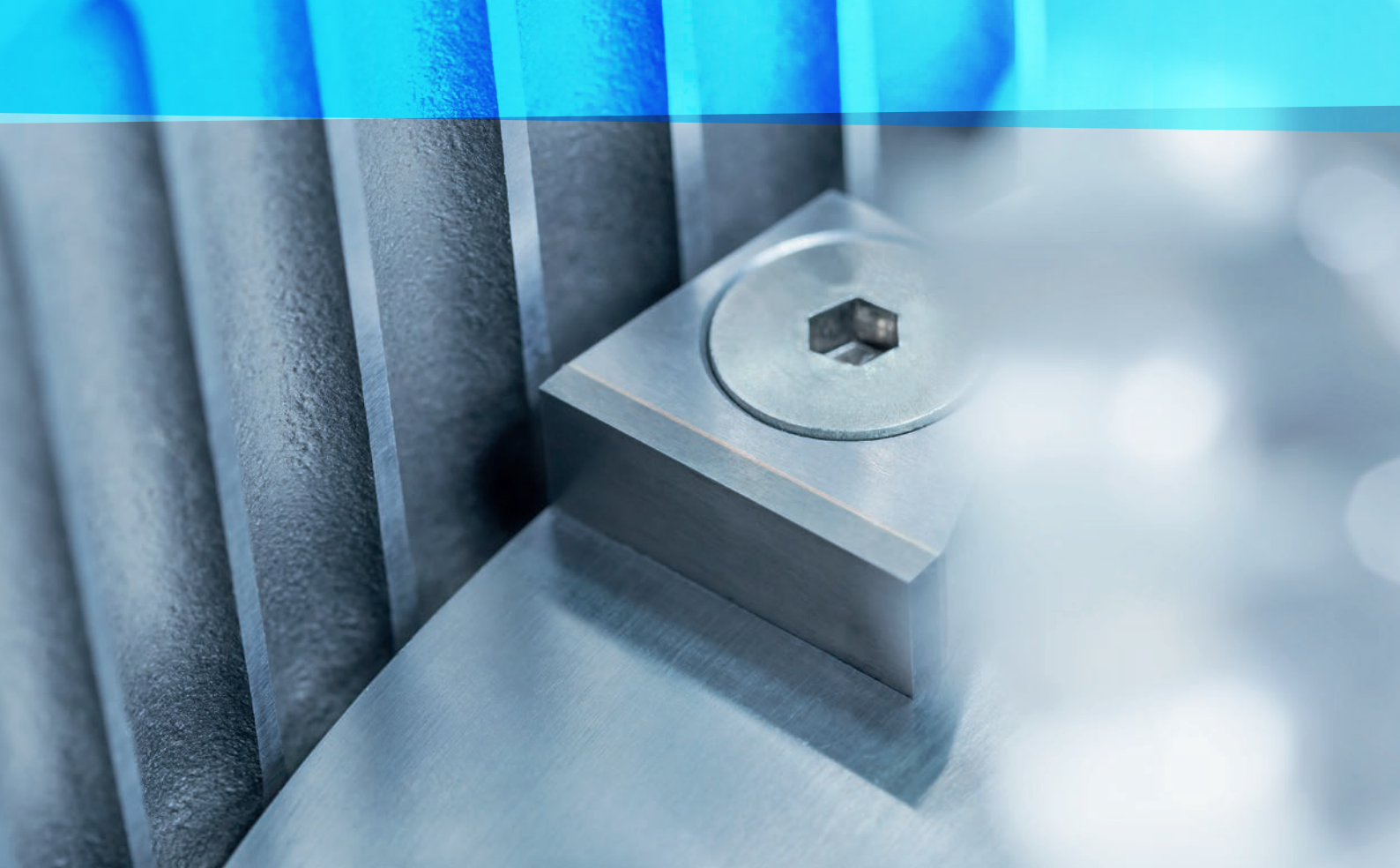
- Simple replacement of the old grinding disc with a new model – equipped with E3 beaters
- Other system components need not be modified
- Plant is fully operational again within the shortest time





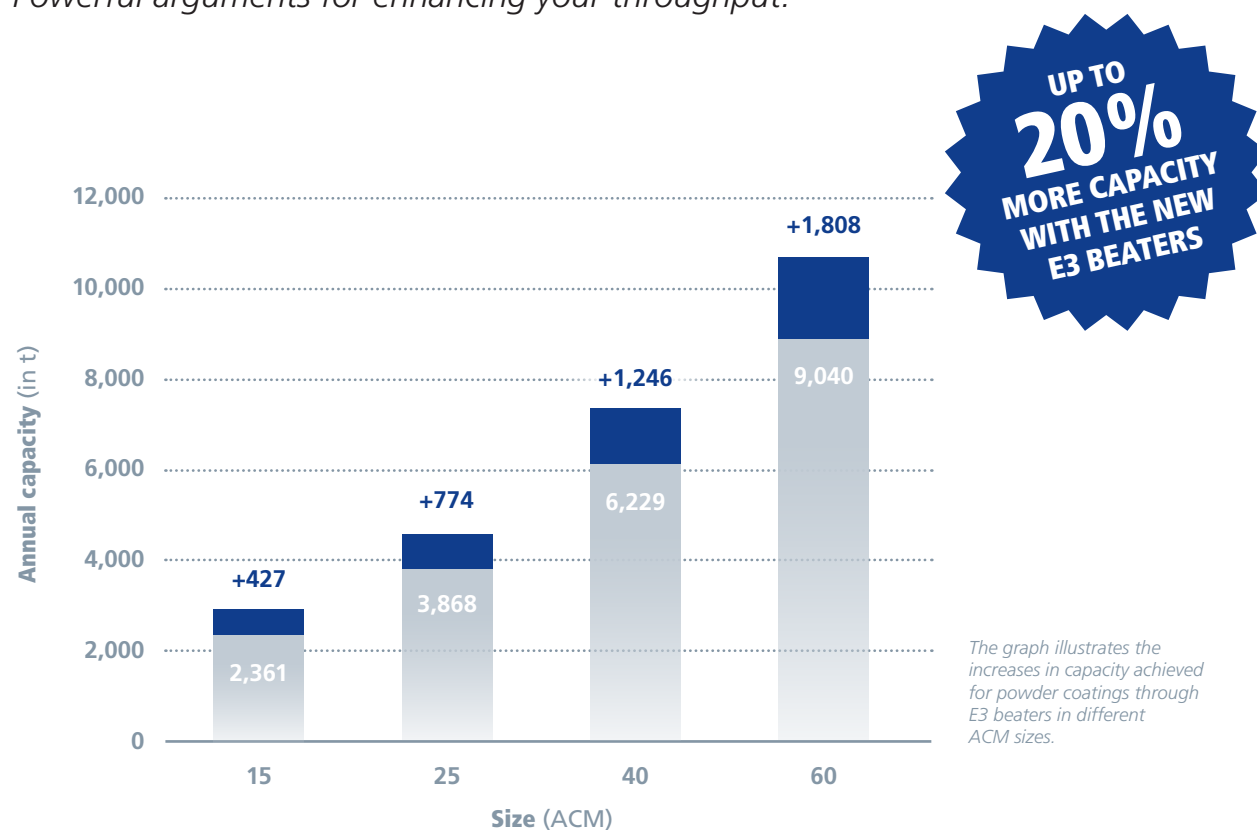
- »» **THROUGHPUT INCREASED UP TO 20 %***
- »» **LOWER TEMPERATURE**
- »» **EASILY RETROFITTED**

** When compared to standard beaters*



THE NEW TOP PERFORMERS FOR YOUR ACM CLASSIFIER MILL

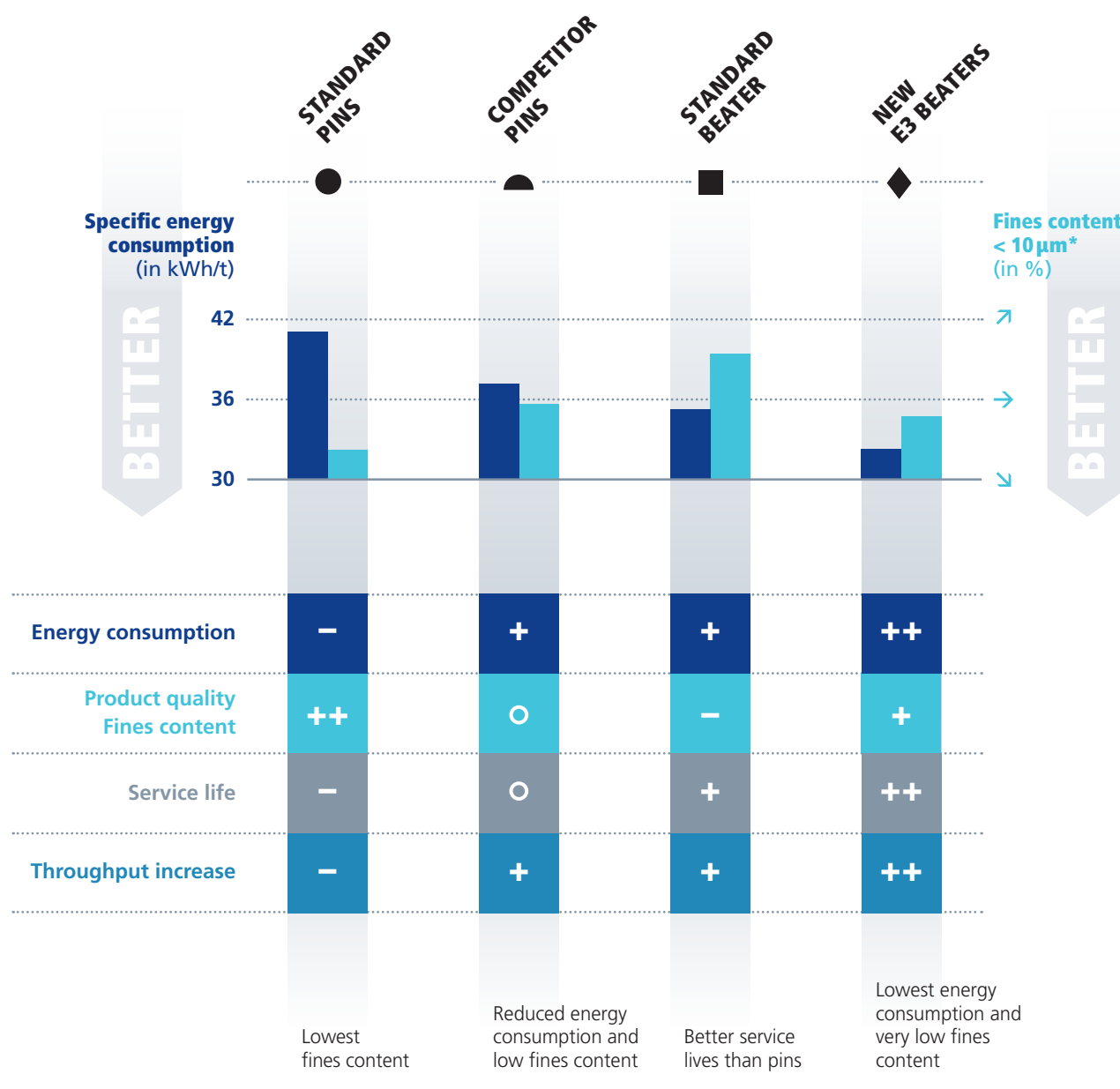
Powerful arguments for enhancing your throughput.



POWDER COATING TEST

E3 beaters lower the energy demand and win all practical tests.

An uncompromising development for practical applications which has been extensively tested, the new beaters are the perfect solution when it comes to reducing costs and greatly enhancing product quality.



*For mean product fineness
d50 = 32µm. Tested in
production scale





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

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