



TURBO TWIN DOUBLE TTD

Compact, powerful, economical



HOSOKAWA ALPINE

Process technologies for tomorrow.



TTD = MORE PERFORMANCE + LESS ENERGY COSTS

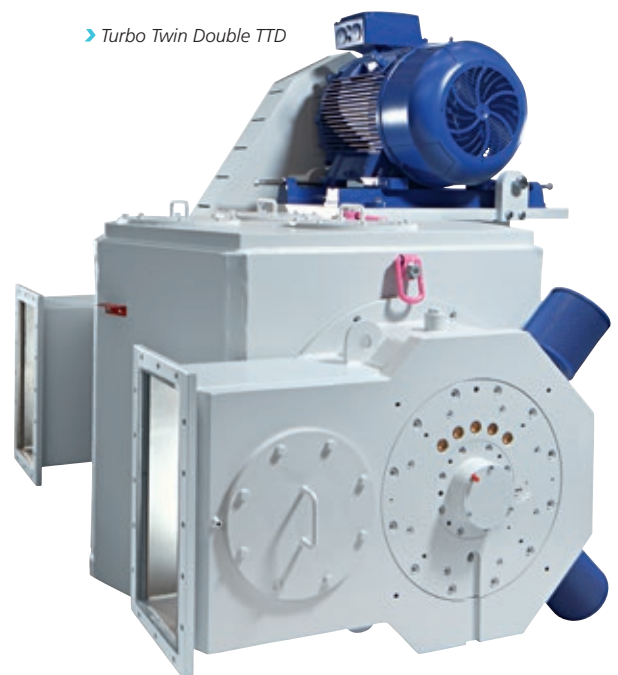
Experience the new generation of air classifiers

The ultrafine classifier TTD is second to none when it comes to classifying soft to medium-hard minerals at high throughputs, for example in the production of fillers. The patented classifying wheel geometry of the Turbo Twin permits high throughput rates and loading factors at high fineness values of up to $d_{97} = 3.0 \mu\text{m}$. Due to the low pressure drop of the TTD, this machine is characterised by its high energy efficiency. Savings of up to 25 % are possible.

YOUR ADVANTAGES AT A GLANCE

- Low energy costs per tonne of end product
- Low investment costs per tonne of end product
- High fines yield and maximum fines capacity
- Extremely robust and durable construction
- Classifying wheel supported in bearings on both sides
- Dual-flow fines discharge
- Optimised product feed direct to classifying wheel
- Direct drive with reinforced motor bearing
- Cost-optimised operation
- Compact and functional design

➤ Turbo Twin Double TTD



TECHNICAL SPECIFICATIONS

	200	315	500	630	800	1000
Fines capacity at x_{97} 5 μm (kg/h)	110	290	710	1100	1,800	2,900
Fines capacity at x_{97} 10 μm (kg/h)	290	710	1,800	2,900	4,500	7,200
Fines capacity at x_{97} 20 μm (kg/h)	460	1,100	2,800	4,600	7,200	11,500
Nominal air flow rate Classifier (m^3/h)	1,900	4,800	12,000	19,000	30,000	48,000

Reference material limestone with density 2,700 kg/m^3 .

EXEMPLARY AREAS OF APPLICATION

The TTD air classifier is used for soft to medium-hard products.

Marble

Limestone

Talc

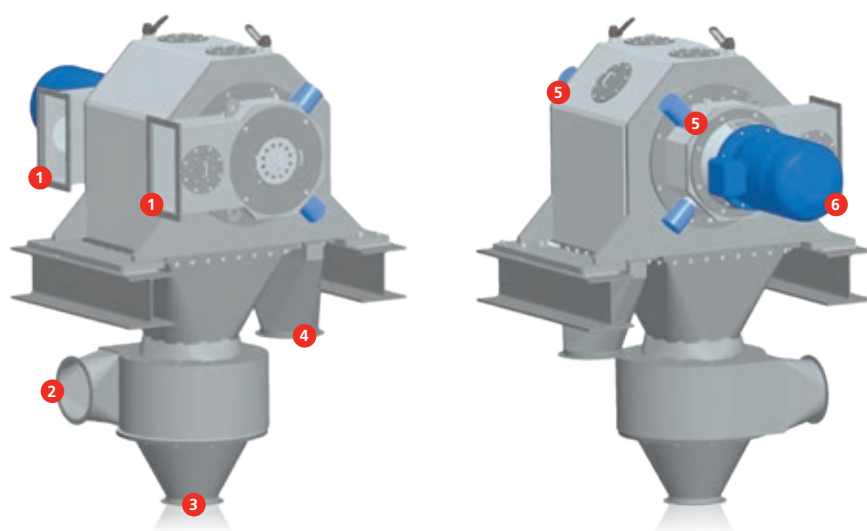
Dolomite

Barite

Kaolin



THE AIR CLASSIFIER IN DETAIL



- 1 Dual-flow fines discharge
- 2 Coarse material classifier with air inlet for additional product dispersion
- 3 Coarse material discharge
- 4 Highly dispersed product feed direct to the classifying wheel
- 5 Classifying wheel supported in bearings on both sides
- 6 Direct drive with reinforced motor bearing



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



Subject to change without notice.

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Our offers are decisive for the order.

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