



Product News

Shanghai IVA Invented a New Type of Classifier

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In cooperation with a German specialist, Shanghai IVA has invented a new type of classifier which has neither rotor nor motor. It is specially designed for classification of hard materials and working under high temperature conditions, such as classifying pure quartz, metal powder, carbon black ...etc.

Detailed descriptionThe SSC type of classifiers is newly developed and based



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Its

optimized spiral flow in combination with an efficient rinsing and quick discharge of the coarse particles guarantees a fine product free of oversize particles and a clean coarse fraction as well. The SSC classifier can achieve a sharpness of cut point nearly as good as a much more expansive dynamic classifier. The product is fed airborne, This allows an inline production with a mill or a dynamic classifier, i.e. to perform a two-stage classification. The airborne principle enables a closed air circulation. For fines collection a cyclone is sufficient, filters are not



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Product

Applications: abrasives (i.e. pure quartz, feldspar ...etc.) food (especially with high content of fat) metal effect pigments (“flakes”, must be carefully handled) high temperature material (carbon black, chemicals)

Process Applications Dedusting (to eliminate the ultrafines from the end product) scalping (to separate a small amount of very large particles from the end product) pre-classification (to optimize the main classification process by rejecting either fines or coarse particles)

Technical data:

type		200	315	400	560	630	800	1000
diameter	mm	200	315	400	560	630	800	1000

air flow	m ³ /h	250 - 330	600- 800	900 - 1400	2000- 3000	2500- 3000	4500- 6000	7000- 9000
cut point*	[μ]	5 - 60	6 - 80	7 - 90	8 - 100	9 - 100	10 - 120	10 - 120
feed rate	kg/h	20 - 200	50 - 500	6 - 600	100 - 1000	150 - 1500	200 - 2500	400 - 3500

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