

CLASSIFICATION



① Zircon dioxide (fused)
Sieve separation



② Effect pigments
spatter grain separation



③ Zircon vanadium blue
(Zr, V)SiO₄ – Fines removal

Our dynamic air classifiers solve even the most difficult separation tasks between 3 to 300 µm, with sharp top cut and close particle size distributions.

We remove the coarse particles from special effect pigments or the fines from metals and ceramic pigments. High-purity materials are separated using polymer-based or ceramic parts and machinery lining.

- **Feed size range:** <20 µm up to <10 mm
- **Fineness range:** 3 µm up to 0.3 mm
- **Capacity:** up to 10,000 mt/year

YOU DELIVER

- Big bags up to 1,000 kg
- Drums, barrels, containers up to 50 kg
- Paper foil bags sewed or drilled up to 25 kg

WE PACK

- Big bags up to 1,000 kg
- Drums, barrels, containers up to 200 litres
- Paper foil bags sewed or drilled up to 25 kg



CONTACT

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PROCESSING SYSTEM	PERFORMANCE RANGE		FEED SIZE RANGE	FINENESS RANGE	ADMISS. HARDNESS	LINING MATERIAL OPTIONS								
	(kg/h)	(mt/year)				(mm)	(mm / μ m)	(Mohs)	NS	SS	HG	SG	HM	KE
SIEVE MACHINES	100-1,000	800	< 10	100-2,000	1-6	•	•						•	
SIEVE MACHINES	5-500	200	< 10	50-1,000	1-6	•	•						•	
DYNAMIC AIR CLASSIFIERS	5-500	1,000	< 0.5	2-100	1-10		•					•	•	•
DYNAMIC AIR CLASSIFIERS	200-1,200	8,000	< 2	3-200	1-10		•					•	•	•

OUR SPECIALITIES

Iron- to contamination-free processing of small and large batches and various processing procedures for applications with the following properties: stickiness (resins), abrasiveness (silicon carbide), sensitivity to temperature, hygroscopic (salts), elasticity (rubbers), extreme fineness (toner), ductility (polymers) high purity (silica), plasticity (waxes), homogeneity (pigments), extreme hardness (silicon carbide), specialties (dental)

QUALITY CONTROL

Our production facilities in Bobingen, Germany, are fitted with modern CILAS laser particle size determination machinery, LS 200 sieve analysis, and JEL sieve tower. Productions are documented using customer-specific or NOLL production protocols, machinery and shift logbooks and ERP system with charge backtracking.

WE BUILD MACHINERY FOR, BUT DO NOT PROCESS

Foodstuffs and luxury foodstuffs, pharmaceuticals, carcinogenic, very toxic or radioactive oxidizing products. We neither process dust explosive products with an ultimate pressure above 10 bar.

LEGEND

NS: Steel
SS: Special steel
HG: Hard steel
SG: Cast steel

HM: Hard metal
KE: Ceramic
PA: Polyamide
PU: Polyurethane

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