

HOMOGENIZATION



- ① Raw materials
- ② Mineral flours



- ③ Additive compounds organic
- ④ Additive compounds inorganic

Standard mixing and blending tasks are performed through a range of batch and continuous mixers. We reach highly homogeneous raw material mixtures through the use of energy-efficient impact jet mills. Our opposed jet mills can also solve extremely difficult tasks, including the processing of abrasive materials and the use of additives for surface coatings.

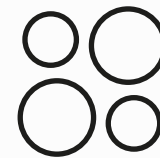
- **Feed size range:** 3 μm up to <10 mm
- **Capacity:** up to 5,000 mt/year

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

AUFBEREITUNGSTECHNOLOGIE NOLL GMBH

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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	PA	PU
BATCH MIXERS	10-100	100	< 3	-	1-6		•						
CONTINUOUS MIXERS	50-500	1,500	< 1	-	1-9		•						
IMPACT JET MILLS	100-1,000	3,000	< 10	-	1-6				•	•	•		
OPPOSED JET MILLS SHOCK PRESSURE-PROOF DESIGN	50-500	1,500	< 0.3	-	1-10		•					•	•
OPPOSED JET MILLS	50-500	1,000	< 0.3	-	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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