



## TOLL PROCESSING > HOMOGENISATION

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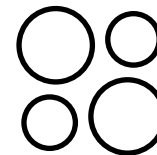
<< RAW MATERIALS

< MINERAL FLOURS



<< ADDITIVE COMPOUNDS  
ORGANIC

< ADDITIVE COMPOUNDS  
INORGANIC



STANDARD MIXING AND BLENDING TASKS ARE PERFORMED THROUGH A RANGE OF BATCH AND CONTINUOUS MIXERS. HIGHLY HOMOGENEOUS RAW MATERIAL MIXTURES ARE REACHED THROUGH THE USE OF ENERGY-EFFICIENT IMPACT JET MILLS. OUR JET MILLS CAN ALSO SOLVE EXTREMELY DIFFICULT TASKS, INCLUDING THE USE OF ADDITIVES FOR SURFACE COATINGS.

► **FEED SIZE RANGE:** 3  $\mu\text{m}$  up to <10 mm

► **PERFORMANCE RANGE:** up to 5000 MT/year

### CONTACT:

#### NOLL PROCESSING TECHNOLOGY

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**FIGURES - DATA - FACTS**

PROCESSING SYSTEM	PERFORMANCE RANGE		FEED SIZE RANGE	FINES-RANGE	ADMISS. HARDNESS	MATERIAL LINING								
	(kg/h)	(MT/year)	(mm)	(mm)	(Mohs)	NS	SS	HG	SG	HM	KE	PA	PU	
BATCH MIXERS	10 – 100	2000	< 3	–	1 – 6		•							
CONTINUOUS MIXERS	50 – 500	100	< 1	–	1 – 9		•							
IMPACT JET MILLS	100 – 1000	750	< 10	–	1 – 6				•	•	•			
DESINTEGRATORS	2 – 2000	1500	< 5	–	1 – 6			•			•			
OPPOSED JET MILLS SHOCK AND IMPACT PROOF DESIGN	50 – 500	1500	< 0,3	–	1 – 10		•					•	•	
OPPOSED JET MILLS	50 – 500	500	< 0,3	–	1 – 10		•				•	•	•	

**OUR SPECIALITIES:**

Earths and minerals, polymers and rubbers, construction materials, chemicals, ceramics, graphites, cosmetics, metals, pigments, recyclates, abrasives and toners, etc.

**QUALITY CONTROL:**

The production plants in Cologne and 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 products. We neither process dust explosive products with an ultimate pressure above 10 bar.

**YOU DELIVER ...**

- ▶ Big bags up to 1000 kg
- ▶ Drums, barrels, containers up to 50 kg
- ▶ Paper foil bags sewed or drilled up to 50 kg

**WE PACK ...**

- ▶ Big bags up to 1000 kg
- ▶ Drums, barrels, containers up to 200 litres
- ▶ Paper foil bags sewed or drilled up to 50 kg

**LEGEND**

- NS: Steel
- SS: Special steel
- HG: Hard steel
- SG: Cast steel
- HM: Hard. steel
- KE: Ceramic
- PA: Polyamide
- PU: Polyurethane

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