

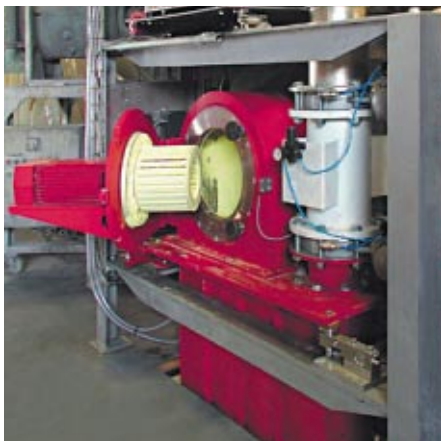


NOLL POWDER PROCESSING

WWW.NOLL.EU



THE COMPANY BUILDING IN BOBINGEN



MULTINO® 6240-M/S/M



EARTHS + MINERALS



POLYMERS + RUBBER



CHEMICALS



TONERS + POWDER



METALS



CONSTR. MATERIALS



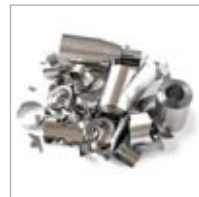
CERAMICS



PIGMENTS



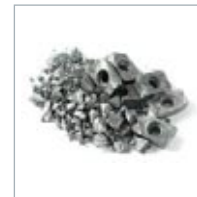
CARBONS



MAGNETS



TECHN. CERAMICS



RECYCLING

NOLL PROCESSING TECHNOLOGY HAS BEEN A COMPETENT, INNOVATIVE AND HIGHLY DEPENDABLE PARTNER IN TOLL PROCESSING SINCE 1991. WE FOCUS ON THE PLANNING AND CONSTRUCTION OF IMPACT, JET MILL AND CLASSIFIER MACHINERY TO PROCESS ESPECIALLY HARD, ABRASIVE AND STICKY MATERIALS TO THEIR FINEST SIZE.

OVER THE YEARS WE HAVE CONSISTENTLY ADAPTED OUR PRODUCTS AND SERVICES TO THE DEMANDS OF OUR CUSTOMERS.

OUR EXPERTISE IS INDIVIDUAL SOLUTIONS FROM MODERN POWDER PROCESSING TO THE ENGINEERING OF COMPLETE MILLING AND CLASSIFYING UNITS.

CONTACT:

NOLL POWDER PROCESSING

MAX-FISCHER-STR. 20 B	PHONE: +49 (0) 82 34 / 9 6615-0
D-86399 BOBINGEN	FAX: +49 (0) 82 34 / 9 6615-70
WWW.NOLL.EU	E-MAIL: INFO@NOLL.EU



NOLL POWDER PROCESSING

WWW.NOLL.EU



POWDER PROCESSING:

Leading the trend towards finer structured solid materials, NOLL delivers upon the challenges in the field of powder processing. Our competences lie in the milling, classifying and homogenizing of small batches and large productions of difficult to process materials. The product quality is guaranteed through modern machinery, precision measuring equipment, quality control procedures, precise documentation and highly qualified personnel. Profit from our many years of practical experience.



SPECIFIC AND INDIVIDUAL SOLUTIONS:

More than just regular processing, NOLL excels in finding individual solutions. We offer cryogenic milling of elastic materials, ambient milling of brittle materials and hot gas milling of humid and sticky products. Combining two or more processes such as drying and milling, milling and coating, milling and mixing, NOLL can do it.



FINE - FINER - FINEST:

From your first enquiry to the complete execution of your orders, competent partners will assist you. Our dynamic classifiers bring a new era in the processing of highly fine products, such as toner, additives or cosmetic ingredients. Sharp top cuts, finest product removal, steep particle size distributions, are all the result of the NOLL design milling chamber and classifying wheels. We understand the importance of trustworthiness, short delivery times and cost effectiveness. Consequently we act accordingly.

BASED ON 25 YEARS OF PRACTICAL EXPERIENCE IN THE FIELD OF MECHANICAL PROCESSING TECHNOLOGY, WE OFFER OUR CUSTOMERS UNIQUE EXPERTISE AND KNOW-HOW.

NOLL WORKS TOGETHER WITH GLOBAL LEADERS AND R&D CENTERS IN THE AREAS OF TECHNICAL CERAMICS, SPECIALTY PIGMENTS, TONERS AND DENTAL MATERIALS. OFFERING CONSULTATION, POWDER PROCESSING AND MACHINERY CONSTRUCTION, NOLL IS YOUR SPECIALIST IN MECHANICAL PROCESSING TECHNOLOGY.

► IRON-FREE PROCESSING

► PROCESSING OF ABRASIVE, STICKY, TEMPERATURE-SENSITIVE, ELASTIC AND FIBROUS MATERIALS

CONTACT:

NOLL POWDER PROCESSING




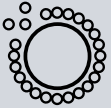
MAX-FISCHER-STR. 20 B	PHONE: +49 (0) 82 34 / 9 6615-0
D-86399 BOBINGEN	FAX: +49 (0) 82 34 / 9 6615-70
WWW.NOLL.EU	E-MAIL: INFO@NOLL.EU



NOLL POWDER PROCESSING

WWW.NOLL.EU

FIGURES - DATA - FACTS

PROCESSES		DESCRIPTION
MICRONISATION		NOLL toll processing uses a variety of machinery to process bulk materials up to Mohs hardness 10 to your required fineness. We are especially equipped for the metal-free and contamination-free processing of products down to 2 µm. Highly modern internal classifiers insure sharp particle distributions and top cuts.
CLASSIFICATION		Our dynamic and static 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.
HOMOGENISATION		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.
SPECIAL PROCESSES		NOLL offers more than just regular processing, such as cryogenic milling of elastic materials, ambient milling of brittle materials and hot gas milling of humid and sticky products. We also offer the combination of two or more processes such as drying and milling, milling and coating or milling and mixing.

OUR SPECIALITIES:

Iron- to contamination-free processing of small and large batches and various processing procedures with following properties:

- ▶ Stickiness (Resins)
- ▶ Sensitivity to temperature
- ▶ Elasticity (Rubbers)
- ▶ Ductility (Polymers)
- ▶ Plasticity (Waxes)
- ▶ Extreme hardness (Silicon carbide)
- ▶ Abrasiveness (Silicon carbide)
- ▶ Hygroscopic (Salts)
- ▶ Extreme fineness (Toner)
- ▶ High purity (Silica)
- ▶ Homogeneity (Pigments)
- ▶ Specialties (Dental)

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 oxidizing 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

WE REPACKAGE ...

- ▶ Big bags
- ▶ Drums
- ▶ Barrels
- ▶ Containers
- ▶ Paper foil bags

CONTACT:

NOLL POWDER PROCESSING

MAX-FISCHER-STR. 20 B	PHONE: +49 (0) 82 34 / 9 6615-0
D-86399 BOBINGEN	FAX: +49 (0) 82 34 / 9 6615-70
WWW.NOLL.EU	E-MAIL: INFO@NOLL.EU



NOLL POWDER PROCESSING



ACCOMMODATIONS:

MINOTEL SCHEMPP
HOCHSTRASSE 74
D-86399 BOBINGEN

PHONE: +49 (0) 82 34 / 9 99-0
SCHEMPP@MINOTEL.DE

GASTHOF KRONE
HOCHSTRASSE 7
D-86399 BOBINGEN

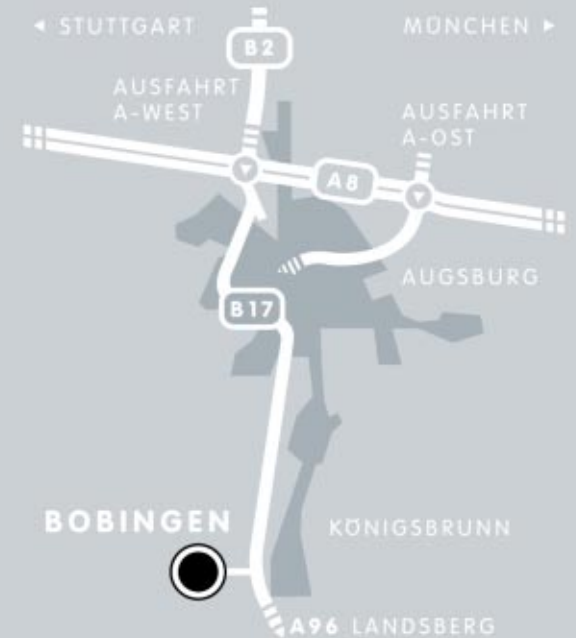
PHONE: +49 (0) 82 34 / 35 82
INFO@KRONE-BOBINGEN.DE

GASTHOF SONNE
LINDAUER STRASSE 32
D-86399 BOBINGEN

PHONE: +49 (0) 82 34 / 33 01



WWW.NOLL.EU



CONTACT:

NOLL POWDER PROCESSING

MAX-FISCHER-STR. 20 B	PHONE: +49 (0) 82 34 / 9 6615-0
D-86399 BOBINGEN	FAX: +49 (0) 82 34 / 9 6615-70
WWW.NOLL.EU	E-MAIL: INFO@NOLL.EU