

Grinding & Dispersing

## Fine Grinding Service

Qualified Toll-Grinding for You



our technology  
**YOUR SUCCESS**

# Competent, innovative, flexible

NETZSCH-CONDUX Mahltechnik in Hanau offers services using the most modern machines and plants, including process supervision and support from our trained specialized staff.

As worldwide leading company in the field of dry grinding as well as fine classifying we know what matters to you. Our extensive machine programme offers you the right solution for your requirements. Our long-term experience with a diversity of products in these fields, is available for your toll grinding needs.

## Fine Grinding - dry

Finenesses from the millimeter range to  $1\ \mu\text{m}$  ( $d_{97}$ ) can be achieved with our present milling systems, repeatedly!



Toll-grinding plant with CONDUX Fluidized Bed Jet Mill type CGS 71



## Classifying

The CONDUX High-efficiency Fine Classifier offers a clean air classification of dry powders down to the  $d_{97} = 1\ \mu\text{m}$  range!



## Analyzing / Quality Control

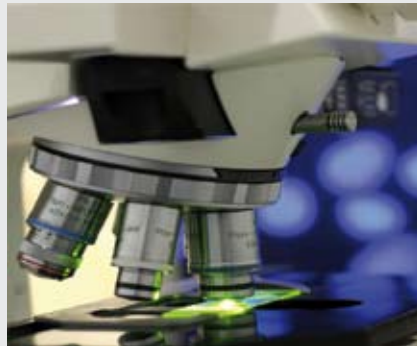
Particle size determination using laser diffraction measuring devices, screen analyses with air jet- or vibrating screens as well as determination of moisture are all part of our service for you!



## Packing

We pack your product into super sacks, drums, barrels or containers, paper or plastic sacks, depending on your requirements!

Product	Fineness
Activated carbon	$d_{99}$ 10 $\mu\text{m}$
Algae flour	$d_{99}$ 10 $\mu\text{m}$
Aluminum oxide	$d_{50}$ 2 $\mu\text{m}$
Benzoic acid	$d_{99}$ 400 $\mu\text{m}$
Carbon black	$d_{50}$ 1.5 $\mu\text{m}$
Coal	< 90 $\mu\text{m}$
Coconut shell ash	$d_{90}$ 40 $\mu\text{m}$
Glass frits	$d_{50}$ 4 $\mu\text{m}$
Herbicides	$d_{90}$ 10 $\mu\text{m}$
Ionic resin	< 200 $\mu\text{m}$
Iron oxide	$d_{50}$ 3 $\mu\text{m}$
Melamine	$d_{99}$ 45 $\mu\text{m}$
Metal powder	< 25 $\mu\text{m}$
Mica	> 50 $\mu\text{m}$
PE powder	$d_{50}$ 10 - 20 $\mu\text{m}$
Rhyolithe	< 1.2 mm
Salt	< 50 $\mu\text{m}$
Silicium	$d_{50}$ 3 $\mu\text{m}$
Silicium carbide	$d_{50}$ 0.8 $\mu\text{m}$
Sodium silicate	$d_{50}$ 50 $\mu\text{m}$
Sodium sulphate	$d_{99}$ 15 $\mu\text{m}$
Talc	< 10 $\mu\text{m}$
Tin oxide	$d_{50}$ 3.7 $\mu\text{m}$
Toner	$d_{50}$ 8.5 - 9 $\mu\text{m}$
Tungsten carbide	$d_{90}$ 12 - 15 $\mu\text{m}$



## Our equipment

- Classifier Mills
- Universal Mills
- Fine-cutting Mills
- Fluidized Bed Jet Mills
- High-efficiency Fine Classifier
- Well-equipped analytical laboratory
- Inerting possible
- Low-wear
- Reduced contamination
- Stainless steel designs
- Pressure shock resistant up to 10 bar (g)
- State-of-the-art control technology

## Your Advantages

- No space requirement
- High flexibility
- No operating costs
- No planning costs
- No investment costs
- A viable solution to capacity bottlenecks
- Highest processing grade
- Repeatable product quality
- Low-risk market introduction of products

## The World's Leading Grinding Technology

### The Companies of the Business Unit Grinding & Dispersing

NETZSCH-Feinmahltechnik GmbH, Selb, Germany

NETZSCH-CONDUX Mahltechnik GmbH, Hanau, Germany

NETZSCH Premier Technologies, LLC., Exton PA, USA

NETZSCH Indústria e Comércio de Equipamentos de Moagem Ltda., Pomerode, Brazil

NETZSCH (Shanghai) Machinery and Instruments Co., Ltd., Shanghai, China

NETZSCH Mastermix Ltd., Lichfield, Great Britain

NETZSCH-España, S.A., Terrassa/Barcelona, Spain

ZAO NETZSCH Tula, Tula, Russia

The Business Unit Grinding & Dispersing is part of the NETZSCH Group.

The NETZSCH Group is an owner-managed, internationally operating technology company headquartered in Germany. Three Business Units – Analyzing & Testing, Grinding & Dispersing, and Pumps & Systems – provide tailored solutions for highest-level needs. Over 2200 employees at 125 sales and production centers in 23 countries across the globe guarantee that expert service is never far from our customers.

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