



## PRESS RELEASE

From: Hosokawa Micron BV

To:

Date: April 2009

## HOSOKAWA MICRON PARTICIPATES INACHEMA 2009

Hosokawa Micron B.V., leading in the field of powder processing technology and specialized in engineering, design and manufacture of equipment and systems for mechanical and thermal processing of powders, will participate in Achema 2009. Our core businesses **mixing, drying and agglomeration** will be well presented at our booth. During Achema, Hosokawa Micron B.V. will exhibit in Hall 5, Stand D38-E41

### Vacuum Dryer 5 liter Lab unit

The laboratory vacuum drying system is very suitable for product and process development activities, experimental purposes and for fine tuning of processes and optimal parameter setting. Vacuum drying systems are used for a wide range of applications in the pharmaceutical, food, chemical and mineral industries where drying in a closed system at low temperatures and solvent recovery are important. The compact design with the low noise emission and the low overall energy consumption make this "mini-dryer" ideal for laboratory and pilot plant environments.



### Flexomix FX 100 "Mixer – Agglomerator – Instantiser"

Flexomix technology can be applied wherever small quantities of liquid are to be added to powders, or agglomerates have to be produced, in which large quantities of liquid are absorbed, and where the size of particles needs to be enlarged. For each specific application, pilot plant trials can be performed for defining best process parameters for optimal aspects of the end product and for lowest energy consumption. The Hosokawa Flexomix is used in the chemical industry for: super absorbing polymers, phosphate-based products, horticultural fertilizer, crop protection agents, laundry and dishwasher detergent (compounds).

In the food industry for: instant drinks, soups, sauces, thickeners, flours, starches, bakery and milk products and in veterinary and bulk pharma industries.



### Drymeister continuous flash mill dryer

The Micron dryer, also called Drymeister is a unique flash mill dryer using hot air or gas as drying media and combines three unit operations:

Drying, Grinding and Classifying in one machine!

The Drymeister is able to handle a feed material coming out of the mechanical dewatering step directly into the dryer. based on its ability to handle high solid content feeds, the DMR can economize the drying process saving time and energy! See it at Achema and test it in our extended test station.

As a result of the wide range of products we offer, we are able to find an individual solution for every customer.



During Achema, Hosokawa Micron would like to welcome you in Hall 5, Stand D38-E41.