



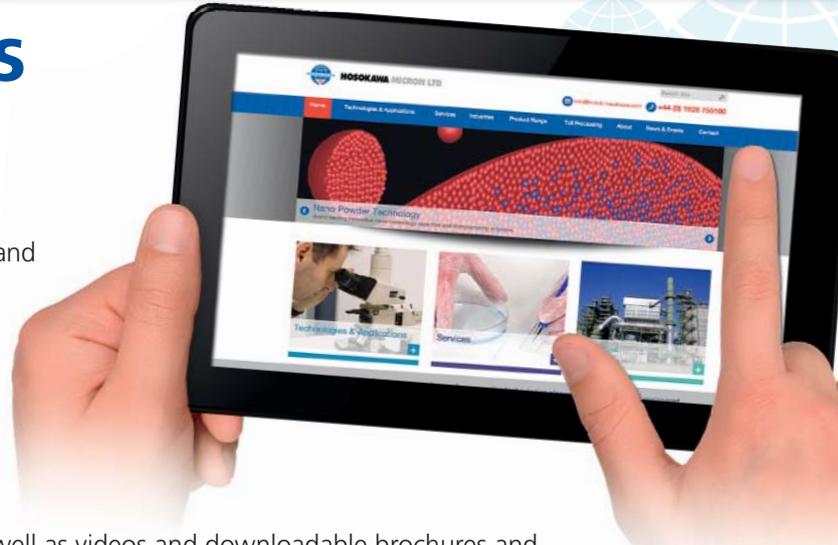
## Our new website is now **LIVE**

**D**esigned with a fresh new look, user friendly navigation and updated with the latest information about our products and services – our new site is now LIVE! Review technical specs of machines; search by Industry, Technology or Brand to find relevant information quickly and easily or check out key products in our Product Range section.

Packed with information on our latest product developments; company news; how to get the best from your existing plant, toll processing, lab and test services as well as videos and downloadable brochures and information sheets. Our website will continue to evolve over the coming months to create an extensive resource hub for those in materials processing....you don't need to register to access the information on the site but please sign up for a regular copy of our newsletter to get the 'heads up' on what Hosokawa Micron Ltd are planning in the future.

We hope you will enjoy browsing the site, finding new information each time you visit and hope this on-line resource becomes a valuable tool for you, in support of our knowledgeable sales team whose contact details are on the website.

[www.hosokawa.co.uk](http://www.hosokawa.co.uk)



## Take a fresh look at **YOUR** plant

**S**ee for yourself how you can improve performance of your plant and operations, troubleshoot problems and get the best from existing equipment – thanks to our new Performance Improvement Service, on-line reference site that intimately reveals a plants operating status.

By linking directly to a unique condition monitoring and analysis solution installed on one of our milling plants at our Runcorn Toll Processing facility we can demonstrate, in practical terms, how we can help improve the performance of your plant.

The latest measurement and software technology from partners Xoptix Ltd and XpertRule Software Ltd enables us to see a 24/7, 'bird's eye view' of operations which allows plant operators to see how even small adjustments to equipment settings, material feeds etc can affect plant performance – actually seeing, in **real time, individual actions and their consequences.**

'The expected customer benefits from improved remote condition monitoring and support are faster resolution of problems, decreased equipment downtime and more efficient operation of the plant and equipment. This new demonstration facility means our engineers can engage with customers in a practical way that de-mystifies 'performance improvement' and that clearly shows potential improvements available from even relatively simple corrective actions,' explains, Iain Crosley, MD, Hosokawa Micron Ltd.



### Exhibiting in 2014

Hosokawa Micron Limited will be taking part in Powtech 2014 and invite you to visit them to discuss the latest developments

30th Sept - 2nd Oct

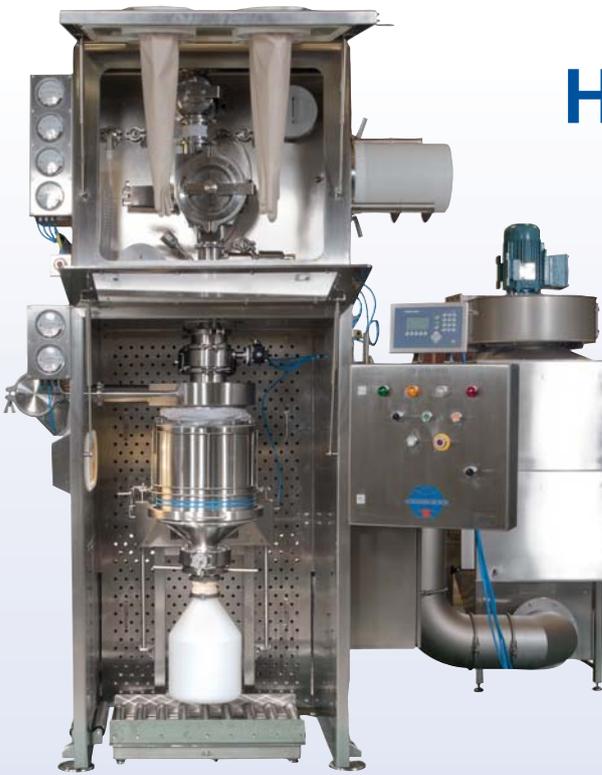
**POWTECH 2014**

Nuremberg, Germany  
Hall 4A/4A-231

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# HAPI Milling and Pack-off



**H**osokawa Micron engineers were recently invited to work alongside the in-house engineering team of a leading pharmaceutical manufacturer – to develop a flexible R&D batch milling and pack off system that delivered HAPI materials to a specific size whilst meeting stringent product and personnel protection demand. Space constraints of the existing facility added to the complexity of design.

Hosokawa Micron engineers worked closely with the end user's engineering team to design a two storey, contained system that met all the customer's requirements and allowed considerable production flexibility, from processing small R&D batches to operating as a continuous manufacturing system that also delivered optimum flexibility in terms of range of particle size, shape production and various filling and weighing options.

## Two Tier Milling and Packing

The combined batch milling and packing system features an upper tier, high containment isolator with an integrated pharmaceutical hammer mill. This feeds directly into the flexible, continuous liner, filling and weighing system contained within a lower tier laminar flow booth, complete with HMI containment screens. The system offers containment to Level 4 OEB, which will repeatedly achieve containment between 1-10µg/m<sup>3</sup> and can handle batches up to 500litres from the dryer above.

The system meets hazardous area classification of Zone 1 and 21 IIB T4. If required it can be operated under an inert atmosphere, should the products be hygroscopic or explosive.

## The Milling Process

The milling isolator provides a fully contained environment during active product handling giving total barrier isolation. The isolator is integrated into an existing product flow from a dryer positioned above the unit with HAPI material fed from the dryer into the specially designed, integrated pharmaceutical hammer mill (typically < 50 micron with low

quantities of ultrafines). Interchangeable meshes give variable particle size and shapes that add increased operational flexibility to the system. Contained sampling from the milling isolator via a 270 RTP can be undertaken to ensure product is maintained within specification.

## Filling and Weighing

The filling and weighing system is integrated within a laminar flow booth directly below the milling isolator giving direct material discharge to the filling packing head and maintaining the benefits of the compact, small footprint within the space limitations.

A containment screen located at the compact inward sealer offers additional barrier protection to the operatives from the potential risk of airborne particles. The system is fully WIP.

## Customer Satisfaction

Hosokawa Micron worked in partnership with the customer to develop Standard Operating Principles to help meet demand for repeatable containment and Operator Exposure Levels designed to protect both personnel and product.

# Supporting Grasshoppers!

**C**ommitted to supporting amateur sport, Hosokawa Micron Ltd were pleased to sponsor the last game of the season at Preston Grasshoppers RFC. The match between Preston Grasshoppers and Sheffield Tigers was played in brilliant sunshine, which only added to the enjoyment of spectators and Hosokawa guests.

'We are proud to be associated with local amateur sport, supporting as we do a number of young teams in the region,' said Iain Crosley, MD, Hosokawa Micron Ltd.



Photo Courtesy of Mike Craig

# At your service

## - protecting your assets

Having selected the best equipment on the market it makes sense to protect your investment by inviting Hosokawa Micron engineers to share their full range of expertise with your engineers.

Our Service Team can help you reduce unplanned downtime and ensure your Hosokawa equipment is running in tip top condition – for reliability, availability, cost savings and extended life benefits.

Hosokawa's experienced engineers provide a fast response to enquiries and deliver skilled reliable repairs and maintenance services for a single piece of equipment or your full process line.

### Quality Spare Parts

Original spare parts for all Hosokawa brand equipment help to reliably protect your equipment. We maintain a schedule of wear parts for all Hosokawa equipment for swift maintenance operations.

### Your Stockroom

We hold large stocks of genuine spare parts ..OR...we can help you set up and maintain your own spare parts stockroom maintaining the most appropriate inventory to meet your needs.

### All OEMs

Our engineers can source, supply and fit parts for other original manufacturers equipment to deliver a 'one-callout' service response.

### Scheduled Maintenance Contracts

Onsite maintenance contracts protect your capital investment and minimise lost revenue through unplanned downtime – we cover single machines to complete process lines and can help you plan your maintenance budget, meet production targets and validation criteria.

### Mechanical and Safety Checks

Scheduled visits from Hosokawa engineers to identify potential mechanical safety and process line problems; giving you the heads up on immediate and future maintenance requirements before valuable production time is lost. You get a full status report on the condition of Hosokawa equipment and plant.

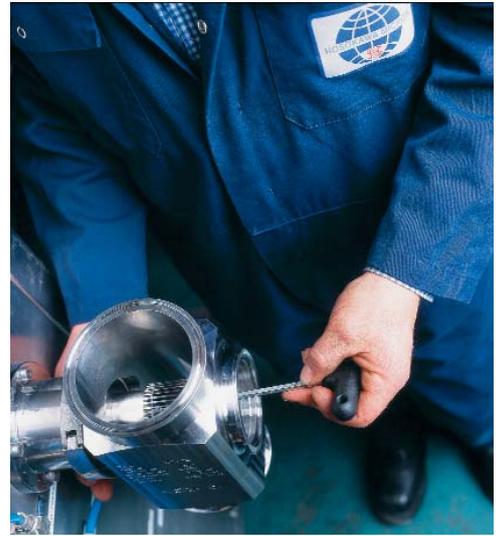
### Emergency Breakdown Cover

We understand how important it is to minimise production downtime due to breakdown. Our priority is to get your plant up and running. We can advise your engineers or arrange a visit to your site to minimise downtime.

Contact Hosokawa Micron's After Sales & Service Team

Tel: 44 (0) 1928 755100

Email: [aftersales@hmluk.hosokawa.com](mailto:aftersales@hmluk.hosokawa.com)



# Sensitising Dust – Food for Thought! OELs <math><1\mu\text{g}/\text{m}^3</math>

**D**ownflow Booths from Hosokawa Micron provide personnel protection from risks of airborne, sensitising dusts from grains, flour, egg and fish proteins and ingredient additives.

By creating a 'clean processing zone' the product is also protected from cross contamination from other areas or processes.

Hosokawa Downflow Booths deliver a uni-directional flow of air forced downward through ceiling mounted distribution screens in a vertical, laminar flow. This suppresses the elevation of dust, taking the dust away from the operator's breathing zone and into the booth's low level perforated extraction grilles.

## Benefits:

- Ideal for sampling, filling or packing operations
- Energy efficient motors and fans for lower running costs
- Whisper level running (60db) for use in quiet/multi-processing areas
- Cost effective, flexible modular construction



## Meet the Team



**T**his year Hosokawa Micron Ltd has seen the largest in-take of new recruits in the last decade. Increasing sales and a continued commitment to quality service has fuelled this increase, right across the company. Let us introduce the new team!

### Alexandra Tamas – Administration Assistant

Having worked for Hosokawa Bepex in Leingarten for over 9 years, where I was a Sales Assistant in the confectionery and bakery division, I am now enjoying a new challenge at HMLUK.

I support the engineers by ordering and expediting parts for different projects and assisting them in the preparation of IO & M manuals for machines. I really enjoy the new experience of learning more about the technical and project engineering part and dealing with suppliers.

### Michael Tamas – Sales Engineer

Before my move to England, I worked at Hosokawa Bepex in Germany for 8 years as a Project Manager Sales responsible for confectionery and bakery equipment sales within the Middle East, Africa and South America.



My new role is similar to my previous role but now I have the opportunity to learn about the more varied equipment that HMLUK has to offer and where we can offer customers the whole range of the Hosokawa Group.

### Gareth Woolstencroft – Project Engineer

I am currently working with the Containment Team on the design and management of a number of Downflow Booth projects and which fully utilises my experience in air movement. I'm enjoying meeting Hosokawa customers to better understand their requirements and look forward to delivering an end product to meet their demands.

Hosokawa Micron also welcome to the team; **Gary Wakefield, Workshop Operative** and **Paul Hendey, Storeman**.



For further information on anything within this newsletter please contact us:-  
Email: [info@hmluk.hosokawa.com](mailto:info@hmluk.hosokawa.com) or telephone **+44 (0) 1928 755100**



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