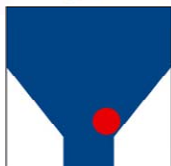


ISSUES:

- Powtech 2007 - Preview
- Dec-News
- Events 2007

UP-TO-DATE:

Dec's Newsletter !
Innovative information about Powder handling...Always!



POWTECH 2007

Hall 9 Stand 425

POWTECH 2007 - PREVIEW:

Dec will, again be present at the Powtech 2007 March 27-29 in Nuremberg.

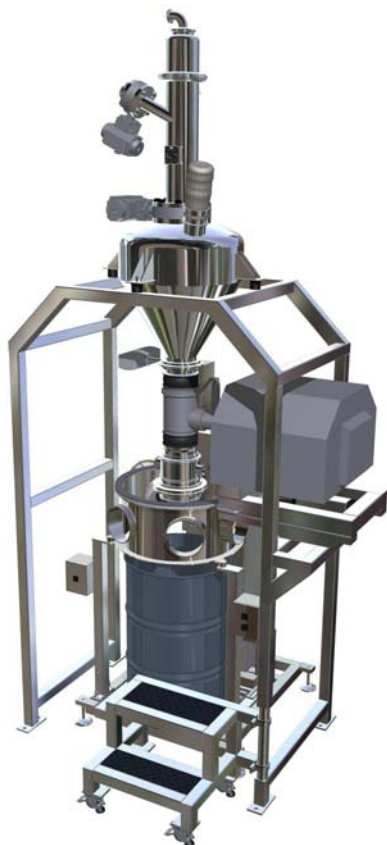
Innovative installations and projects will be presented and demonstrated.

We expect a considerable amount of international decision makers and cordially invite them to our booth for general discussion and demonstration of our new and well established products.

Those with new projects will be able to benefit from on the spot solutions ensuring the foundation for future collaboration.

This year the focus is on the combination of safety, containment and productivity.

In Industries where powder handling is undertaken it is imperative that internal and external requirements are met whilst ensuring an optimized operation.



For the first time a **DCS station** consisting of a **PTS Powder Transfer System**, a Coniwitt mill and a **DCS Drum Containment System** will be shown at an exhibition. With this system different process equipment can be discharged, product can be milled online and directly filled in drums or FIBC's. This combined process, eliminates different single working steps and provides a safer, more productive and absolute contamination free operation.

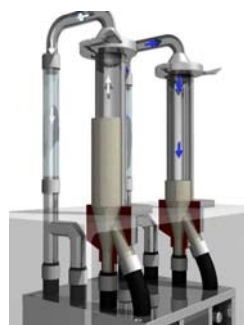
The **Batchmixer** allows contamination free and product friendly mixing (no rotating mechanical parts) in batch mode under inert conditions. This offers the possibility to mix hygroscopic, oxygen sensitive or explosive powders.

Various powders can be mixed with large differences in mixing ratio (1/10.000) with a low mixing time. A high ratio of no-load to full-load can be realized (high turn down ratio < 10% - 100%).

The Batchmixer is practically maintenance free and can be cleaned in place (CIP).

This technology is able to be integrated easily into all kinds of production lines, because powders are

transferred, mixed and discharged in an automatic and closed way.



The **Powderflex** is a powder dosing and conveying system. Its new technology allows precise and continuous dosing with high accuracy. Bulk solids can be transferred very gently under inert atmosphere which permitting charging of inert process devices and therefore a safe closed handling of explosive powders.

The Powderflex requires little or no maintenance due to its simple design and absence of moving parts which come in contact with powder and is easily cleaned in place (CIP). The system can be integrated in a consecutive process, i.e. a dosing station for many different products. It is even possible to dose minute amounts (mg or g range) precisely.

This innovation offers new perspectives and possible fields of application in a lot of areas in a bulk solids handling facility.

VISIT OUR WEBSITE: www.dec-sa.com

The innovative technology for drum emptying: the **DCS Drum Containment System**, patented.



The DCS is the perfect solution for contamination free evacuation of drums of various sizes equipped with double liners. It provides optimal protection of the operator and product at high containment-levels (<math><1\mu\text{g}/\text{m}^3</math>).

The DCS is used in combination with the PTS Powder Transfer System to discharge drums in a fully contained manner and to transfer the powder directly into process equipment without any contamination, keeping the system safe even in the presence of a solvent atmosphere. The discharge can be incorporated with nitrogen in case the receiver has to be kept inert for safety reasons.

Furthermore the DCS can be used to fill drums.

It is possible to empty different kinds of process equipment in one step under high containment. In turn the product is directly filled in drums.

The DCS can also be combined to be able to empty and fill drums in one system.

It is even available for emptying or filling of drums with toxic liquids.

info@dec-sa.ch



Dec developed the innovative **DCS Inverter** (patent pending), based on the DCS-Technology.

The DCS Inverter is the innovative development of the DCS system and offers a lot of advantages. The outstanding innovation compared to the DCS is the possibility of inverting the drum. This development allows faster emptying of the drums (higher through

put) and saves a lot of time. Lumpy and agglomerated materials can be discharged easily due to a lump breaker integrated in the suction hopper.

The DCS Inverter works in combination with the PTS Powder Transfer System. The drums are emptied by means of inverting the drum and the powder in turn transferred by the PTS in a reactor or any kind of receiving vessel. During the process a high level of containment is provided.

With this application the handling of the drums is simplified for the user thus improving ergonomics and safety.

INVITATION TO POWTECH:

Did we awake your interest?

We would like to invite you to our booth!

Take the chance and talk to our experts about your projects.

We would like show you our installations and give you an understanding of our concept and Dec's philosophy.

Limited time at Powtech? Call us to reserve a time:
+41 21 694 20 44.

It's our pleasure to send you invitation badges, please email us at info@dec-sa.ch, we would like to see you in **Hall 9 Stand 425**.

See www.powtech.de for all exhibitors and further information.

Dec UK Ltd.

Beginning of 2007 we created a subsidiary in UK. We are represented by our colleague Chris Broadbent, who has several years experience in the pharmaceutical industry and will take care of our English customers

Dec UK Ltd.

The Beetham Suite
Clawthorpe Hall Business Centre
Burton
UK - Lancashire, LA6 1NU
Contact: Chris Broadbent
Phone: +44 1524 784 345
Fax: +44 1524 784 353
E-mail: info@dec-uk.co.uk



LECTURES AT THE POWTECH:

How the ATEX Directive could be applied to the containment assessment of a pharmaceutical plant

Frederic Dietrich
when? March 27, Tuesday at 14h30-15h00
where? Hall 12

Batchmixer – Blending of powders with high containment meeting GMP requirements

Bonnie Dethlefsen
when? March 28, Wednesday at 14h00-14h30
where? Hall 8

■ You don't want to receive our Newsletter anymore?
Then send us an email: info@dec-sa.ch or
Fax: +41 21 694 20 59.