



Dear reader,

The newspaper „Die Welt“ recently published an article about the potential of 3D-printing within industrial production. Inside the new airplane Airbus A350 XWB there are already more than 1000 3D-printed components. They are used instead of conventionally produced components to form the supply chain more flexible.

For filter manufacturers this subject seems a long way off and I (still) cannot imagine „to print out“ once a filter unit.

Indeed, in the coming decades 3D printing will revolutionise the spare part market also for filters. The material choice is still limited with standard plastics at present. Weekly, nevertheless, there are announcements about new developments regarding technique and materials. For visionaries this is a revolution of production conditions. We won't lose sight of the subject.

And if you want to experience the today's state of filter technology and everything you find in this newsletter also live, we invite you warmly on the „Dortmund Schüttgut“ fair to our stand in hall 4.

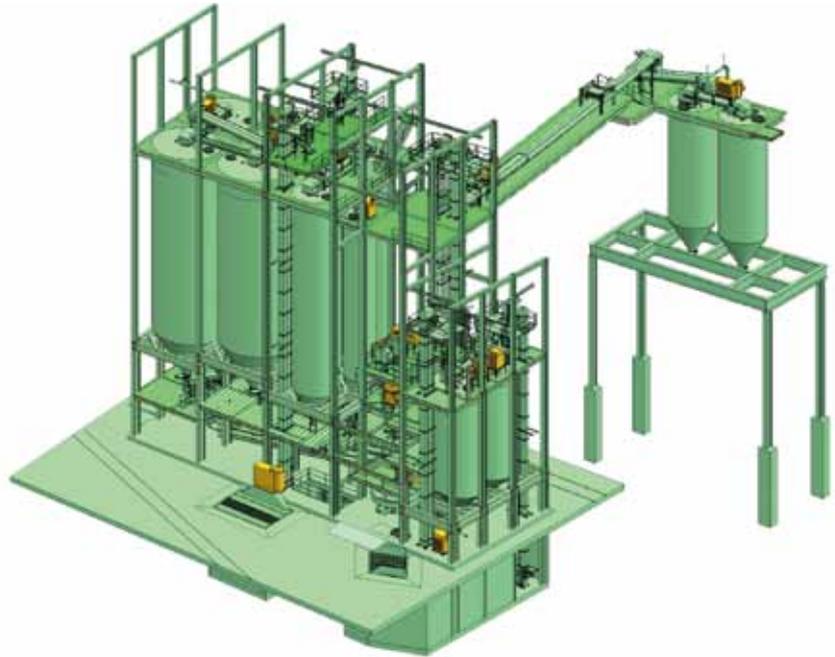
We look forward to seeing you.

Yours

Berthold Geppert



Infastaub filter units for glass production



Glass is one of the oldest raw materials at all. The first produced glassware dates back to 3,500 B.C. and was found in Egypt. The fundament for modern glass technology was laid end of the 19th century by Otto Schott (1851-1935), chemist and glass technician. New production technologies and possible applications are developed to date. This also at the company Zippe in Wertheim. Since more than 90 years the company has a worldwide leading position for glass batch house technology and cullet processing.

In a batch plant the required raw materials for glass production are stored in silos, from there charged into container scales and weighed according to the later glass composition. Afterwards the raw materials are mixed and transported to the glass melter via conveyor belts or buckets.

A new glass factory for bottle glass in Mexico is equipped by Zippe with a fully automatic batch house

including raw material transport and cullet recycling. With this plant the glass raw material is transported into the melter in exactly the required composition and homogeneity.

For dustfree production and transport processes, Zippe counts on filter units of Infastaub. Also for the Mexican glass plant 24 filter units of INFA-JET AJN series were ordered. Each one will de-dust volume flows of 60 - 1,500 m³/h with a filter surface of 1 - 45 m². The requested residual dust contents are limited to 10 mg/m³.

„We successfully cooperate with Infastaub for many years, because the company has a comprehensive expertise in the field of de-dusting. Furthermore we value the focused and customer-oriented performance. Filter units of Infastaub perfectly suit our technical and economic demands“, says Günther Mlynar, Managing Director Technical & Sales at Zippe.

Filter units for mixing and filling aspiration

Additives and spices are required for meat production. They are mixed and bagged in special facilities according to customer wishes.

The de-dusting process of a mixing and filling plant at „hs Additive“ is now carried out by two pocket filters of INFA-JET AJN series with two down stream cassette filters INFA-MICRON MKR.

Because of the secondary filter of HEPA grade the residual dust content is max. 0.01 mg/m³.

Due to constructional circumstances and the existing driveways, many interfering edges had to be taken into account and the filter plant had to be adapted according to the customers' needs.



Joy after Achema: Soccer table won

A match at the soccer table at the fair stands of Infastaub and the lottery drawing of a new soccer table at the end of the trade fair has almost a traditional character by now.

Around the fairs' busyness of the Achema, the soccer table was used a lot again. After five fair days our Lady Luck Sabine Wegmann from the magazines ChemieTechnik / Pharma + Food drew the business card of the winner out of the raffle box.



The happy man is Henning Welk from Schunk GmbH who received his soccer table shortly later from Torsten Uhrig and Jens Kampmeyer. Since then Henning Welk and his colleagues can play at a soccer table in the premises of the company whenever they like.



The next date for drawing a soccer table is already determined. At the Powtech in Nuremberg from April 19-21, 2016 and after amusing

matches at the soccer table, a new one will be raffled. Maybe Dame Fortune will be with you then and you are our next winner.

Dustfree unloading

Because of its fast growing economy China has also a high dust emission load. In order to reduce it, the country has announced several measures.

So that e.g. ship unloading of cement is dustfree, a pocket filter INFA-JET AJN is installed. The filter unit with 60 m² filter surface assures a residual dust content of < 20 mg/m³ at a volume flow of 5,400 m³/h. A fan and bypass line including bypass flap regulate the volume flow during unloading process.



Dedusting knowledge

Cleaning mechanism of dust separators

During mechanical separation of dust particles and gas at the filter element, the growing dust layer on the surface of the filter element results into a pressure difference (filter pressure drop). In order to prevent a certain pressure difference

(normally < 1,500 Pa) from being exceeded, the filter elements must be cleaned periodically.

The type of cleaning is, in addition to the form and arrangement of the filter media, the central design

feature of a filter. Cleaning mechanisms include mechanically moving the filter medium, reversing the gas flow, transferring momentum to the dust cake, or a combination of these mechanisms.

What is actually doing ...?

Johannes Jäger Sales office area Mid South



Since middle of 2006 Johannes Jäger, graduated engineer for process technology, is in charge of the sales area „Mid South“, which includes parts of Baden-Württemberg, Hessen and Rheinland-Pfalz as well as the Saarland. An area, where the native Pfälzer feels at home and gladly returned after several years of sales activities in Austria.

Do you focus on any special tasks during your daily work?

For Infastaub I keep an ear close to the market and I am the contact

person for my customers. My most important task is a permanent and personal contact to my customers. It can be about complex contract negotiations or also about support for procedural questions, which result from practical tasks of our customers. In addition I prepare offers, coordinate the customer support with the back office and of course also take care of administrative duties.

What do you like most about your job?

As a sales engineer in the field I can sail under the flag of a successful company and appreciate at the same time the freedom of a self-employed person. Nevertheless I am not out on business as „Lonesome Cowboy“ but have a team in the background. We talk things over, phone, support each other.

And the daily challenges in the field?

Every day is a challenge when you work as a sales person in the field. No customer is like the other. And sometimes the way to him is the challenge in fact. However, my sales area is not very big in size, so usually I don't have to stay away overnight.

How do you get new energy after a hectic day of work?

I recharge my batteries on extensive bike tours. Each year I make about 5.000 km and almost always take my bike along on holidays. In addition I am engaged with the soccer club of my children. For six years I coached the team of age-group 2003. Now I still coach the goal keepers of the junior team.

Anton Milly Head of final assembly



Already 42 years ago Anton Milly started his job at Infastaub. The learned motor mechanic knows the products of Infastaub blindfolded, because over the years of work for Infastaub the 60-year-old occupied different positions in the company. For five years he is Head of final assembly and no filter unit leaves the production without getting his critical view and the „approval sticker“.

42 years at Infastaub. Which jobs did you have during this time?

I finished my training as motor mechanic during the oil crisis. The effect of the crisis on the automotive industry didn't fail to appear. Also my training company couldn't give me a guaranteed employment. I therefore had to search for an alternative and started at Infastaub as locksmith.

Afterwards I worked with the exception of the paint shop in all divisions of the production - welding department, shipping department and so on. A total of 15 years I was responsible for the Infa-Micron production. After such a long time and different tasks there is almost no screw of Infastaub filters I don't know.

How can we imagine your today's job?

As Head of final assembly I ensure a failurefree production process. This means I accompany all production steps and the processes to adjoining departments, as for example order processing / disposition, work preparation and production planning as well as controlling the production quality. This also includes factory acceptance tests by our customers.

You are an enthusiastic quad driver. What is all about this hobby?

In good weather I also drive with the quad to work. Apart from that I enjoy the wind in my face on tours over country roads or offroad excursions. The Taunus area offers many very nice routes. But once I drove 350 km on one day and back home the other day.

Infa-Inside

Johann Schwarzmeier says goodbye, Bernhardt Becker takes over

Bernhardt Becker has taken over the Infastaub sales region Bavaria and Austria. The 39-year-old succeeds Johann Schwarzmeier who retires after 20 years working for Infastaub.

„Since 1992 Johann Schwarzmeier worked at Infastaub. During this time he has built up a successful and customer-oriented sales all over Bavaria and Austria. We

thank him for his long-standing engagement and wish him all the best. With his successor Bernhardt Becker we will continue this course“, according to Jens Kampmeyer, Head of Sales at Infastaub.

Since September last year Bernhardt Becker has become acquainted with the products of Infastaub and his sales area. The graduated engineer has already collected ex-

periences in plant engineering and construction, among others with FLSmidth Pfister where he was responsible for project handling.



Safe driving training



Infastaub's sales engineers drive about 400,000 km annually. On their tours they are exposed to many critical situations. So that they safely arrive their destinations, Infastaub has sent its long

distance drivers to a safe driving training.

An entire day the Infastaub employees learned driving techniques with which they are better prepared in case of emergencies. Varying dangerous situations with different road and driving conditions, with water barriers, hydraulic motion platform and on slippery surfaces with curves were simulated.

Now the employees are better prepared for many typical danger situations of today's road traffic.

Addition to our Sales

There is another staff issue in the sales back office. Since 01.05.2015 David Kliche strengthens the team of Jens Kampmeyer. After an intensive training, in which the 28-year-old also collected experiences in the manufacturing department to get to know exactly the Infastaub filters, he will decisively deal with offers and their follow-ups.



Review atACHEMA

Five busy and stimulating days lie behind us after which we can strike a really positive balance. On the occasion of theACHEMA in Frankfurt from June 19th to June 23rd, 2015 Infastaub could welcome once again many guests from all over the world on the exhibition stand and too in parallel for site inspections in Bad Homburg.

The focus products for the chemical and pharmaceutical industry hung as large-size, photo-realistic CADs on the walls.



Schüttgut in Dortmund

When the gates of the „Westfalenhalle“ in Dortmund open on November 4th, 2015 Infastaub will be ready at its stand E:07 in hall 4. The fair has set up as an important industrial meeting place of the bulk solids industry. For Infastaub it will already be the 6th participation. On the opening day Infastaub will take part at the „innovation centre“ with a lecture: „Why does my filter not work? Influences on the operating performance of surface filters“. Join us. You receive your ticket from us.