



Dear Reader,

even today, writing this editorial, we are facing exceptional circumstances. The effects of the Covid-19 pandemic are clearly noticeable, both intersectoral and transnational. Suddenly, certainties aren't self-evident anymore. What was just commonplace, is currently forbidden. The "lightness of being" changes into uncertainty and fear.

Located in Asia, Europe or America: the economy tumbles into recession, manifold companies will have to register insolvency, millions of people will lose their jobs. The problems are global, but each country fights the battle

on its own: national.

Besides all national support programmes, in the future we need one thing: entrepreneurship. The German word for this is „Unternehmen“ and a quite similar verb is „unternehmen“. It means to do something.

For Infastaub and to me the word „unternehmen“ means to act, to take measures and to generate new impulses. Either to detect customer needs, launch new products to the market, encourage good ideas and courageous thinking of employees.

In the past, we already succeeded with this understanding and po-

sitioned Infastaub as innovative and successful company. Also the current time of uncertainty will be left behind us. We won't only cope with this crisis, but emerge from it stronger.

Yours

Berthold Geppert



Infa-Inside

Healthy and strong - Infastaub certificated with excellent credit worthiness.

Creditreform certifies Infastaub its excellent creditworthiness with the seal of approval „CrefoZert“.

„Creditreform“ is a credit reference agency that independently tests companies on solvency and safety. Infastaub agreed on the testing and was honoured with the credit standing certificate „CrefoZert“. A seal which only a few companies receive.

The certificate is awarded to companies which have a

good to very good credit and balance sheet worthiness. Based on



various criteria and informations, the so-called solvency index is determined.

The audit of the current situation and the future perspective are reflected in the evaluation.

At times of a cooling economic climate, these criteria are an important signal for steadiness and safety. And these are precisely the strengths of Infastaub.

Workplace safety

Right at the beginning of the Corona pandemic, Infastaub had implemented its crisis and contingency plan. The well prepared hygienic and safety concept has contributed to the continuity of service activities and filter manufacturing. Also delivery was ensured all the time and will continue to be. Employees with health risks can remain in their home-office.

In order to avoid the uncontrolled spread of the corona virus in the offices, Infastaub took further precautions. Partition walls are installed between all office-desks in the meantime.

In addition, CO₂ controller should check the air quality in the offices. In case the CO₂ level increases, it's a reminder on insufficient ven-



tilation habit. A signal reminds to open the windows then.

Hygienic precautions were not only specified but also were accompanied by trainings for the staff. Nevertheless, it's not wrong to refresh the rules from time to time. Hence, all employees had to pass a „corona special test“ from the employers' liability insurance association. The evaluation showed that all employees passed the test.

Safe dedusting with secondary filter stage



Not a good year for trade shows

It was supposed to shake, vibrate, sieve, crush or filter - in April at the SOLIDS Dortmund and in October at the POWTECH Nuremberg. But everything turned out completely different.

Both trade fairs for process engineering had to be cancelled by the event organisations. Only at the beginning of the year we participated at the BASF-Containment Day and the „day of pneumatic conveyor technology“ of the bulk solids association.

For the last months of the year we all know that we won't participate at trade fairs. We are looking forward very much to 2021. Then we will catch up on everything on our fair booth.

Filter units with a secondary filter stage are recommended when the residual dust content of the filter must achieve a very low level. A further task of a secondary filter is avoiding dust discharge in case of damage on the main filter.

The demand for more safety for the staff and environment as well as a low residual dust content has increased substantially. After research and customer survey, Infastaub has developed the proven pocket filter of series AJN and pleated element filter of series AJL with an optional secondary filter stage.

An integrated filter cassette for suspended matters in HEPA-quality realizes residual dust contents up to 0.001 mg/m³. In case of critical dusts, the change of dust discharge and filter cassette can be carried out with a „safe change light“ concept. So maintenance and other tasks at the filter can be performed with low or even free of contamination.

Pocket filters of series AJN are designed for volume flow from 100 m³/h to 25,000 m³/h, pleated element filters of series AJL for volume flows from 2,000 to 40,000 m³/h.

Filtering technology is more than just dedusting

The company Bewital is the technological leader in manufacturing animal feed. Each year 56,500 tons of animal feed for companion and farmed animals leave the manufacturing plant in Northern Germany. One of the innovative products of the petfood producer is the product BEWI-SPRAY:

Behind this product, honored with multiple awards, is an animal feed made of plant oil, for example rapeseed oil, for the nutrition of dairy cattle, pigs, poultry and fish. Vegetable fats especially for dairy cattle need to be transformed into a digestible condition. For this, Bewital has developed a special spray drying process. A very fine crystalline powder results from this spray drying. And everywhere powder is produced by spray drying, the operator needs highly efficient filter plants. They avoid emission of finest dust particles and protect environment and staff from dust exposition.

In the call for tender, a solution was demanded, which is designed for a high volume flow and also reduces product loss. Infastaub has recommended two aspiration filters of series Infa-Lamellen-Jet AJL that are connected in series. Because of the volume flow of 50,000 m³/h the filter units were extended in depth. Parts in contact with the product are made of stainless steel which is unobjectionable to food.

The filter units are equipped with a joint hopper. The separated dust is discharged with the help of rotary valve and screw conveyor.

Dust separating takes place at the surface of antistatic pleated filter elements. They are cleaned from dust by impulses with pressurised air.

Filter units with pleated filter elements are very suitable when separating dry and non-sticky dusts. They achieve a maximum



filter surface on minimum area due to the filter structure.

Smooth operation when producing batteries for trucks



Starting batteries for trucks must perform without disturbances. Up to 80 percent of the battery capacity are needed in the driver's cabin for electrical consumers like microwave, coffee machine, stationary air conditioner, mobile devices and so on. After overnight stays

this can lead to deep discharging with conventional batteries. Not desirable when the truck driver is already under time pressure and should continue to drive.

A problem, the world's largest manufacturer of car batteries faced and extended production of modern truck-batteries with AGM technology. These batteries have a special absorbing glass mat (Absorbent Glass Mat, AGM) which can collect the entire acid in the battery and ensure a high cycle stability. This way, the battery can be repetitively charged and discharged without loss in performance.

The production requires a whole cocktail of different raw materials and additives. Dedusting of the production process with the different additives is managed with In-

fastaub sack-chutes with integrated cartridge filters of series AJM. All together six of these special filter devices were ordered and allow the safe emptying of product dusts.

The operator places a bag on the support table and fills the content into the sack-chute. The occurring air-dust mixture deposits on the filter cartridges. They are cleaned from the adherent dust by pressurised air. In case of media change, the filter cartridges equipped with a round thread can easily be changed from the raw gas side and through the sack-chute front door.

Because of the flammable dust a downstream filter of series MKR is installed. It prevents a filter breakthrough in case of spreading of zones.

What is actually doing ...?

Pascal Goldmann IT administration



Pascal Goldmann found his way to Infastaub on the classic way over a job advertisement. Since then, more than three years have been passed and the 45-year-old IT specialist didn't regret his decision a single day.

Can you tell us something about your professional background?

I have made a professional training as communication electrician, specialised on telecommunication. Before I started at Infastaub 18 years later, I was employed by several medium-sized companies as IT consultant. In these years, I gained a lot of experiences with big international companies. Mainly, I managed and implemented IT infrastructure projects both as technical and organisational consultant. My job need a very high travel willingness, so that in long-term I wanted to work directly for one employer and not primarily for

all kinds of different customer projects all over the country.

On what is your focus with your tasks?

My job includes from trouble shooting, when colleagues have technical IT problems, to the integration of a fully new ERP software. But there are also just practical things, as for example change of hardware components or quickly setting up computers for home-office workplaces because of the corona pandemic.

And the daily challenges?

There are days when I don't know before starting work, what the day brings along - even though the daily plan is scheduled. But with so many users, unpredicted problems may arise from time to time. Then communication skills and helpfulness are a must. And sometimes I also need telepathic skills when support demands from colleagues from afar need to be solved. Not every user necessarily has an affinity to IT - even though these days our daily job does not work without.

Then of course the implementation of a new ERP software is a great topic that involves the entire company. Very important with it

are organisational processes. It is necessary to understand and also question them again and again. Why is something done this way and for what reason? Only this way all the single processes can be optimised for future. This has nothing to do with IT but rather with organisation.

What do you like most about your job?

Nowadays nothing works without IT and further development is extremely fast. When a company misses out on trends, then a critical infrastructure can arise. Therefore it is very important for me to keep these things state of the art. I receive the support for all of this from the very top. We invest a lot and continuously in our IT.

What do you do in your free time as a balance to your job?

I like playing soccer. In the meantime biking is a new hobby. To music I listen not simply on the side, but very deliberately. Most likely electronic music.

Three words that describe you?

Positive, helpful, reliable

If you could make a wish?

Still being professionally and personally happy.