



TOPICS

New facility Plant 4

Bohle foundation

Single-Pot Granulator VMA

INNOVATIV

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Dear readers,

We have all come through some very difficult and exhausting months. Unfortunately, the corona pandemic is still the most dominant issue for all of us.

We hope that everyone made it through this past year okay and, above all, healthy. Our company had to face great challenges regarding the measures to contain the pandemic as well as the multiple lockdowns. Fortunately, we can say at this point that we have mastered this time – thanks to the support and loyalty of our customers. We would also like to thank our employees. The entire team complied with the measures in a very cautious and understanding manner.

40 years of L.B. Bohle

Despite the current circumstances, 2021 is a very special year for L.B. Bohle Maschinen und Verfahren GmbH. This year, we are celebrating the 40th anniversary of our company. With diligence, continuity and high-quality products, we have achieved a top spot among pharmaceutical suppliers over the years. We have grown to become an internationally recognized brand. The company's history has been characterized by great inventiveness as epitomized by company founder Lorenz Bohle.

Completion of Plant 4 in the fall

As already announced in the last issue of *Innovativ*, we are building a new plant in Ennigerloh. Starting

in November 2021, we will produce machines and systems for continuous manufacturing in Plant 4. This will enable us to meet the increasing demand.

Continuous manufacturing is becoming a reality

For more than ten years we have been active as a pioneer in the field of continuous manufacturing for pharmaceutical solids. Especially in the past few years, we have achieved a leading position in this area through high investments in research and development as well as infrastructure and personnel. In the previous issue of our corporate magazine, we reported on the installation of a QbCon® WG wet granulation system at a German manufacturer of generic drugs. In this issue, we announce the receipt of the order from a German global player for whom we will be manufacturing a continuous system for wet granulation and drying including a semi-continuous coater. The system is supplemented by a tablet press from our partner KORSCH AG. These two examples show that continuous manufacturing is becoming a reality for pharmaceutical companies.

Batch processes continue to be part of everyday production

However, systems for batch production continue to drive daily manufacturing all over the world. Our machines, from weighing, wet and dry granulation, grinding and sieving, blending and film coating, to extensive applications for tablet handling are all distinguished from other manufacturers by their efficiency, productivity and durability.

We look forward to a continued trusted cooperation in numerous projects so that we can further contribute to your success with our machines, processes and innovations.

Stay safe!

Sincerely

Tim Remmert & Thorsten Wesselmann
Executive Directors

L.B. BOHLE BUILDS PLANT 4 in Ennigerloh

Investment in the Millions During the Corona Pandemic

With the sales success around the continuous manufacturing system QbCon®, L.B. Bohle lays the foundation for further company expansion. In February, the technology company for pharmaceutical solids production started the construction of a new plant in Ennigerloh.

The focus of the new plant, which is being built within sight of Plant 3 on the Nordring, will be exclusively on the production of machines and systems for continuous manufacturing. On an area of 12,000 m², a production complex with a surface area of around 2,000 m² will be built according to latest standards. "Ground preparations and fencing of the property have been completed, as well as the building application has been approved. The construction companies started in March so that the building will be completed in the fall of 2021," says Lorenz Bohle, outlining the tight schedule. While planning the production facility, the requirement for climate-neutral construction was always considered. L.B. Bohle will use geothermal energy for heating and a photovoltaic system will absorb sunlight for power supply. In addition, a sufficient number of charging stations has already been planned for the increasing number of e-cars.

Marianne and Lorenz B. Bohle (front) together with the L.B. Bohle advisory board members Dr. Hans-Georg Feldmeier, Rainer Witte and Klemens Kalverkamp (from left to right) check out the progress of construction.



L.B. Bohle relies on continuous manufacturing processes at an early stage

Lorenz Bohle, pioneer of the development of continuous processes at L.B. Bohle and initiator for the new construction of the additional plant, sees “increasing proportions of continuous processes in the pharmaceutical industry.” Traditional batch production is often the production method of choice. However, the trend is towards implementing continuous manufacturing processes. “Continuous manufacturing systems offer clear advantages in terms of quality, cost savings, flexibility and operator safety. It also optimizes research and development,” explains Bohle.

Continuous manufacturing systems in the focus of customers

“The demand for systems from the QbCon® series is increasing. With our systems, we are in an excellent position in the market as a technology leader. With Plant 4, we will be prepared for the increasing demand,” says Dr Robin Meier (Manager Scientific Operations). In our previous manufacturing facilities, this production cannot simply be integrated because of the long project times. The continuous manufacturing systems place significantly higher demands on software and documentation. This increases the production time to a great extent,” adds Dr Meier. In the new Plant 4, the company will create prerequisites to offer its customers optimal test and acceptance options.

Start of construction amid the corona pandemic

L.B. Bohle will invest several million euros into the new production facility. The start of construction during the corona pandemic and the associated counter-cyclical work is surely part of L.B. Bohle’s company history. Even during the last financial crisis, L.B. Bohle invested in innovations and thus set benchmarks for growth in recent years. “With Plant 4, we are securing our independent position in the market and expect a further increase in sales in the next few years,” says the Bohle team with an optimistic view of the future.





With the new facility of Plant 4, L.B. Bohle increases the production capacity by another 2,000 m². By the fall, the first machines will be produced in the plant.

BOHLE FAMILY TRANSFERS HOLDING COMPANY TO A FOUNDATION

Foundation Agreement Secures Companies and Jobs

After a good two years of preparatory work, the Bohle family signed the foundation contract on December 16, 2020, at the premises of L.B. Bohle Maschinen und Verfahren GmbH. The couple, Marianne and Lorenz B. Bohle, and their children, Martina Dahlhues and Armin Bohle, are transferring their company shares to the Bohle Foundation. The foundation became legal effective January 1, 2021.

“Foundation companies are L.B. Bohle Maschinen und Verfahren GmbH and L.B. Bohle Pharmatechnik GmbH,” Lorenz Bohle explains.

“By establishing the foundation, we have succeeded in securing the future of the foundation companies and, of course, the jobs,” Bohle continues.

The sale of the foundation companies, which are firmly rooted in the German towns of Ennigerloh and Sassenberg, is therefore excluded.



“In times when continuity is often lost, I still feel the need to appreciate the quality of the cooperation and to rely on lasting, trustworthy teamwork.”

LORENZ B. BOHLE

CHAIRMAN OF THE ADVISORY BOARD

In addition to securing and strengthening the companies, the purpose of the foundation is to improve the work-life-balance, and to promote research and development - for example, through cooperation with universities. Furthermore, scholarships are awarded to staff for further training, and employees receive support in the event of no-fault accidents, including non-occupational accidents or illnesses.

For Lorenz Bohle, who created the foundation's board of directors, together with his wife Marianne and three other members, the establishment of the foundation is a great achievement: “Especially in these uncertain times, it is a strong signal to our employees that jobs are secure in the long term, regardless of position,” he explains.



FOUNDATION'S BOARD OF DIRECTORS

DIPL.-ING. LORENZ B. BOHLE
(Chairman)

MARIANNE BOHLE

DR. HANS-GEORG FELDMIEIER

DIPL.-ING. KLEMENS KALVERKAMP

DIPL.-KFM. RAINER WITTE

Group photo after the foundation was established. The picture shows Rainer Witte (L.B. Bohle Advisory Board), Armin Bohle, Martina Dahlhues, Thorsten Wesselmann (Executive Director L.B. Bohle), Marianne Bohle, Oliver Kock (Kläne, Frye & Partner Lawyers), Lorenz B. Bohle (L.B. Bohle Chairman of the Advisory Board), Dr. Markus Schewe (Kümmerlein Lawyers & Notaries), Tim Remmert (Executive Director L.B. Bohle) (from left to right).



The VMA 35 single-pot granulator is the heart of the fully integrated plant.

BLENDING, SIEVING, GRANULATION AND TABLETING

System Delivered to a Pharmaceutical Company in Switzerland

At the end of 2020, L.B. Bohle delivered an all-in-one solution for blending, sieving, wet granulation and compressing solids to a globally active pharmaceutical company. With this complex system, which was installed in one room, our customer can modernize its manufacturing process. At the same time, the system increases personal protection as well as production capacity.

Single-pot granulator VMA 35 ensures maximum blending and granulation efficiency

“The key component of the project is the single-pot granulator VMA 35 in explosion-proof design including feeding. Add to that the combined mixing and sieving station, which consists of a lifting column with a rotation sieve and the PM 400 container blender. The system is completed by the XL 100 WIPCon tablet press from KORSCH AG as the third module. It is also fed by a lifting column integrated into the automation,” explains Thorsten Wesselmann (Executive Director).

Thanks to the use of active and passive valves, the highly complex systems are suitable for containment applications. The single-pot granulator as well as the blending and sieving station are intended for installation in Ex zone 2/22.

“The order for this system was placed at the end of January 2020. Due to travel restrictions caused by the corona pandemic, many on-site meetings could not be attended. Nevertheless, the project team managed to conduct the FAT (Factory Acceptance Test) on time.”

THORSTEN WESSELMANN
EXECUTIVE DIRECTOR

A central CIP station (Cleaning-In-Place) is used for effective cleaning of all systems. The scope of delivery also includes MCL containers (with a cleaning frame) in various construction sizes, which are also cleaned automatically at the CIP station. A heating and ventilation station ensures quick drying of the containers.

Online-FAT ensures compliance with schedule

The entire FAT was successfully conducted via video streaming at the end of November.



With the containment valves, the VMA ensures secure installation and production in Ex zone 2/22.

“QBCON®-SUCCESS THANKS TO EXCEPTIONAL PREPARATORY WORK”

For five years, Dr Robin Meier has been Manager Scientific Operations

After graduating from Heinrich Heine University in Dusseldorf and successfully obtaining his doctorate, Dr Robin Meier started his professional career at L.B. Bohle in 2016.

Every day, Dr Meier works on optimizations and new products together with a team of process and software engineers. At the Service Center, L.B. Bohle offers its customers and interested parties the opportunity to conduct pilot tests across the entire manufacturing process of pharmaceutical tablet production or to optimize existing processes. Continuous manufacturing is the focus of the Technology Center. It serves as a platform for the holistic development and establishment of continuous processes.

Dr Meier, almost five years ago you took over the position as Manager Scientific Operations at L.B. Bohle. How was the jump into the deep end?

Dr Robin Meier: Without my predecessor Dr Hubertus Rehbaum it would certainly have been more difficult. He has a different academic background and his focus was more on automation and software. He left me an excellent foundation as a pharmacist. Ultimately, we both pursued the same goal: to establish our continuous manufacturing processes in pharmaceutical production. In addition, the team in the Service Center and in the Technology Center supported me very well, so that I could get started quickly.

You got off to a similarly fast start with the first genuine continuous wet granulator and dryer.

Meier: Indeed, that happened quickly: It took only two weeks from the initial concept sketch to the first prototype. That was in the fall of 2017. At the beginning of 2018, we achieved results with the continuous dryer that made us realize that we were on the right track. A German pharmaceutical

company showed great interest and actively participated in the development. At theACHEMA trade fair in the spring of 2018, we presented the QbCon® 1 to an international specialist audience for the first time.

How was the response to the world premiere?

Meier: Overwhelming. The feedback from the experts and the crowds at our booth were huge. Another advantage was the presentation in a separate showroom. This way, we increased the excitement and presented the new product exclusively to our customers. Success was not long in coming: The first machine was sold immediately.

How did the success story continue?

Meier: In September 2018, a German generic drugs manufacturer started a project with the first dryer on a production scale. The QbCon® 25 is designed for a product throughput of 25 kg/h. In addition, one of the system's requirements is to protect the operator from highly potent active ingredients.

How long does it take to implement such a complex system?

Meier: All these systems have a great degree of specific requirements. Therefore, the development of the machine and the process takes a very long time. The software also has to be specially programmed, which is very time-consuming. That takes up more than half of the time. We passed the FAT (Factory Acceptance Test) of the QbCon® 25 at the end of 2020, and the system was installed in spring 2021.

Has this been the breakthrough for L.B. Bohle?

Meier: It looks like more and more pharmaceutical manufacturers are switching to continuous



DR ROBIN MEIER
MANAGER SCIENTIFIC OPERATIONS

manufacturing. At the end of 2020, a large German pharmaceutical company placed an order with us for a continuous system for the entire process – from powder to the finished coated tablet. The system is used in the manufacturing of clinical samples.

Can L.B. Bohle expect follow-up orders when the clinical samples go into large-scale production?

Meier: We do hope so. The concept of the system provides for a wet granulation unit, a dosing and blending unit, a tablet press and the coater KOCO®. The system is designed for a production capacity of up to four kg/h. The order volume is in the upper single-digit million range. Of course, a larger production plant results in an increase of the work and order volume. That is why we are currently building Plant 4 in order to be able to manufacture these orders in the future. Due to the compa-

rably long development and engineering periods, those machines remain in our production facilities, for longer times.

How large is your development team?

Meier: When I started in 2016, there were eight employees besides me. Since then, we have expanded our team in all departments and recruited new employees. There are currently twelve of us in our development centres, but we are regularly recruiting new employees. Work culture is also changing. We are increasingly working in flexible project teams.

In your opinion, what are the strengths of L.B. Bohle?

Meier: We work very fluidly on the projects. We always have the best all-in-one solution with each individual customer's requirements in mind. Therefore, we continue to cooperate with other specialists in pharmaceutical mechanical engineering, such as Gericke AG and KORSCH AG as well as universities. Customers rely on our promise to put together the optimal solution for them. The second success factor is the clear commitment of our founder Lorenz Bohle to continuous manufacturing. He relied on the new manufacturing processes at an early stage and invested in R&D as well as infrastructure and personnel. Now, with our QbCon® manufacturing systems, we benefit from these four to five years of preparatory work. We are ahead of the competition, especially thanks to our patented technology.



STRONG PARTNERSHIP

New X 3 Tablet Press for the Technology Center

In the area of continuous manufacturing, L.B. Bohle relies on strong partners and collaborations. KORSCH AG and Gericke AG were already partners of L.B. Bohle in 2015 during the development and construction of the continuous manufacturing system QbCon® at the Technology Center in Ennigerloh. Just like L.B. Bohle, both companies are held in high esteem as specialists in the pharmaceutical industry.

As an expert in bulk material handling, Gericke AG supplies equipment for processes such as blending, dosing and conveying to customers in the food, chemical and pharmaceutical industries. KORSCH AG has positioned itself as one of the most innovative manufacturers of tablet presses in the world. The systems of both machine manufacturers are flexible enough to meet all requirements: from development to the production of small batches to the manufacturing of blockbusters.



Collaboration at eye level

Important factors for the successful collaboration are technological leadership in the individual processes and a similar corporate culture. "We act on equal footing with our partners and use our

expertise for mutual benefit," explains Executive Director Tim Remmert. "As a manufacturer of special machines for the pharmaceutical industry, we work very successfully on the market in various product areas. Our products complement each other perfectly in the overall process," Remmert continues.



IN ADDITION TO THE HIGH LEVEL OF ENGINEERING EXPERTISE, ALL THREE COMPANIES RELY ON FLAT HIERARCHIES AND SHORT DECISION-MAKING PROCESSES.

"The ability to make quick decisions and the flexibility that goes with it clearly distinguishes us from competitors with corporate structures," says Remmert, underlining the advantages of family-owned companies.

New equipment for the Technology Center

The close cooperation between the companies also means that only the very latest equipment is available in the Technology Center. "With the QbCon® series in the Technology Center, we offer prospects and our customers an excellent and unique platform for testing continuous processes," says Tim Remmert, emphasizing the importance of the test and development center.

At the beginning of 2021, the newly developed KORSCH X 3 was installed at the Technology Center. The machine is a quantum leap in the manufacturing of small and medium-size batches. The X 3 is a single-rotary press for single- and double-layer tablets, which the KORSCH team has designed according to the latest technological progress.



The X 3 tablet press is designed for single- and double-layer tableting and is now available for test purposes at the Technology Center.

“MEGATREND SERVICE OFFERS ENORMOUS POTENTIAL”

Hendirk Niestert has been Head of Global Customer Care since February

The machines and systems from L.B. Bohle enjoy an excellent reputation worldwide and are characterized by exceptional workmanship, highest quality and durability. Due to the rapidly increasing number of machines on the market, the global demand for service for the high-tech systems is increasing as well. With Hendirk Niestert, L.B. Bohle gained an experienced Customer Service Manager who will from now on - supported by Service Manager Martin Nienkemper - organize and coordinate worldwide service.

Since the beginning of February 2021, you have been in charge of the global customer care at L.B. Bohle. What do you find so appealing about this task and where is the journey heading?

Hendirk Niestert: Well, I found a very innovative medium-sized company that is globally recognized and established thanks to its first-class products. I previously worked for an agricultural machinery manufacturer and Technotrans SE, a specialist in fluids technology. Even though these were different industries, my focus was always on setting up and coordinating global customer and service networks. This is the area in which the management of L.B. Bohle aims to offer its customers added value through additional services and grow strongly in the coming years. We understand that an innovative and well-organized global service offers great potential for growth over the next few years.

After this short time, can you already provide concrete figures or first projects for this potential?

Niestert: First, I need to get a precise overview of the product portfolio, the established base, the customer service team and the global partners on site. What processes are there? Where are regional clusters? How is the utilization of the customer service? Which

partners do we cooperate with and where? As soon as this data is available and after the analysis, we can develop an overall concept with practicable solutions. We will then, together with the team, implement the components from the concept step by step.

It is becoming more and more difficult to find technicians for global operations and, especially in the corona pandemic, global customer care is particularly difficult due to travel restrictions. What solutions does L.B. Bohle offer currently and in the future?

Niestert: The increasing digitization offers many opportunities here. For example, a structured error analysis of the digitally transmitted machine data in advance can ensure that we send out the right technician with the right spare parts. This shortens downtime.

We are currently testing the use of augmented reality tools that allow us to work visually with the staff on-site in real-time. The use of mobile devices for visualization has proven itself and will certainly be expanded in the future. Due to the corona pandemic, the willingness to allow digital tools has also increased among our customers.

How did you manage to maintain customer service despite the constantly fluctuating corona infections in the different countries?

Niestert: Thanks to the figures published by the German Robert Koch Institute, we were able to deal with the restrictions in Germany quite well. But there are other countries where the data is not so easily available. Our technicians are always tested for the virus before departure and on return. We basically follow the recommendations of the



HENDRIK NIESTERT
HEAD OF GLOBAL CUSTOMER CARE

German Federal Foreign Office. In the event of a scattered occurrence of infection and an unclear situation, the deployment of our staff abroad always takes place on a voluntary basis and after careful consideration. The health of our employees always has priority. That is why we also had to reject service orders. We have always tried to support our customers through video calls and established instant messaging applications. The team reacted very quickly and in an exemplary manner to the changed conditions.

How large is the customer service team?

Niestert: We currently have around 40 highly qualified employees and field service technicians plus some cooperation partners operating globally.

Besides classic customer service, where else do you see opportunities for L.B. Bohle?

Niestert: In addition to classic commissioning, repair and services, predictive preventive maintenance is gaining in importance. Our machines are subject to very different degrees of strain. Pharmaceutical companies use some systems mainly for tests or development purposes while contract manufacturers, on the other hand, sometimes produce around the clock. If we collect and analyze the runtime data together with our customers, problems and unscheduled downtime can be avoided with preventive maintenance. Furthermore, service and repair work can be better integrated into the work process.

Are there any other points?

Niestert: A second large area is retrofitting or upgrading older systems: L.B. Bohle machines are particularly resistant to mechanical wear. With

regard to controls, digital upgrades come into consideration both due to the discontinuation of components by the control manufacturer and due to customer inquiries about networking their old systems so that hardware and software are up to date. In addition, process-related support and consulting will play an increasingly important role. In this field, our customers can benefit from our very great wealth of experience.

Moreover, the trade-in of older systems may be an interesting offer for our customers.

In your opinion, what are the strengths of L.B. Bohle?

Niestert: The company has the typical structure of a medium-sized company, with short decision-making routes and a clear strategy as well as an excellent position as a technology leader. What makes L.B. Bohle so special, however, is the fact that their focus lies on the customers and their wishes and that the company always thinks in terms of solutions. When I evaluated and analyzed many medium-sized companies during the expansion of my previous employer, I have also seen it the other way around.

As a further strength, I would like to highlight the foundation concept. With this solution, the Bohle family created clear conditions and established permanent independence. And besides, the excellent canteen food is outstanding.

TRAINED SERVICE TEAM

Full Agenda in Theory and Practice

Development never stands still at L.B. Bohle – product innovations and ongoing optimization of machines and processes are on the yearly agenda of the technology company. For the 40 strong service team, new technology also means constantly becoming familiar with the machines and new features.

Training week ensures continuous know-how

“The focus of the training week in February was on presentations and intensive practical sessions on the machines in our Service Center,” says Service Manager Martin Nienkemper. In particular, the ability to maintain or even repair all L.B. Bohle machines is a great added value for our customers as it saves them time, money and capacity.

Service team as a knowledge broker

As the number of systems installed all over the world increases, so does the demand for service. “In addition to general maintenance, repair or installation work, customer staff training conducted by L.B. Bohle employees is also becoming increasingly important,” explains Hendirk Niestert.

“We have high-tech products, and our service technicians must be able to maintain and repair our machines for each individual process step.”

MARTIN NIENKEMPER
SERVICE MANAGER

In February, he assumed the newly created position as Head of Global Customer Care. At the customer’s site, L.B. Bohle service technicians hold training sessions with the customer’s staff on new or previously installed systems. “By providing this training, our employees enable users to safely operate their systems. At the same time, it allows for critical self-help in emergency situations,” says Niestert, focusing on the advantages.



The service technicians are regularly trained for worldwide operations. The Service Center in Ennigerloh offers perfect conditions for training purposes.

CONTINUOUS MANUFACTURING

Next Major Order from Germany

At the beginning of this year, L.B. Bohle received an order from a German pharmaceutical company for a continuous system for the manufacturing of coated tablets.

The system consists of a wet granulation unit, a dosing and blending unit, a tablet press and the KOCO® coater.

“The order from a German global player once again illustrates our expertise in the field of continuous manufacturing,” says Tim Remmert (Executive Director).

At the end of 2020, L.B. Bohle already delivered a continuous granulation system to a German manufacturer of generic drugs.



In a demonstration model, the usability and accessibility through the glove interventions in the isolator were checked. After a successful test run, the engineering phase started.

“We won the project because it was about the best all-in-one solution package. Apparently, we were the company to deliver this. Another argument in favor of our machines was certainly the fact that the customer has already been working successfully with the QbCon® 1 for two years,” Remmert suspects. The QbCon® 1 was presented for the first time at theACHEMA trade fair in 2018 and is the only genuine continuous wet granulator and dryer on the market to date.

Integrated system for tablet manufacturing

“The continuous manufacturing system consists of a QbCon® 1, which is fed from a lifting column (HS). The dried granulate is then sucked to a blending and dosing unit (FBU) and subsequently tableted in a KORSCH XL 100 tablet press. Finally, the tablets are transferred to a KOCO® 25 to be coated,” explains process engineer and project manager Andreas Teske.

“The QbCon® 1 and the FBU is enclosed by an isolator,” Teske continues. For the isolator technology, L.B. Bohle relies on the expertise of its partner, Franz Ziel GmbH.

The system is designed for a throughput of 0.5 to 4.5 kg per hour and is intended for clinical sample manufacturing. Thanks to the isolator technology, wet granulation, continuous dosing and blending are designed for up to OEB level 4 containment. The tablet press and coater comply with OEB level 5.

Long project duration

The work-intensive order will keep the L.B. Bohle team busy for almost two years. The FAT (Factory Acceptance Test) is scheduled for the summer of 2022, the SAT (Side Acceptance Test) on the customer’s premises is planned for December 2022.

“You can tell the extensive scope of the project from the long project duration. Not only do the systems have to be manufactured, but our team will also program and integrate the extensive control to enable the system to manufacture automatically and continuously.”

THORSTEN WESSELMANN
EXECUTIVE DIRECTOR

TRADE FAIR IN RUSSIA

Pharmtech Crowned with Success

Until recently, trade fairs had been a crucial place for customer acquisition, customer relationship management or the presentation of new products. Due to the global corona pandemic, most of the leading trade fairs all over the world were postponed or cancelled completely in 2020 and 2021. Only a few events in China and Russia took place and were met with great interest.

Trade fair in Moscow

Last year, Pharmtech in Moscow was therefore the only noteworthy trade fair for L.B. Bohle. "Despite the difficult circumstances, Pharmtech was a great success for us," explains Burkhard Schmidt, Sales Director. The trade fair is usually attended by Russians and visitors from neighbouring countries and therefore does not have the same international reach as other trade fairs. "Nevertheless, we were positively surprised by the response from Michael Kurako and his team at our booth and, above all, by the quality of the visits," reports Schmidt.

L.B. Bohle – a recognized brand in Russia

At Pharmtech, L.B. Bohle presented the laboratory coater BFC 5. L.B. Bohle is a technology leader in the

field of tablet coating and has numerous references in Russia and neighbouring countries. "We are generally established on the Russian market and have installed machines for all process steps. In addition, we are receiving more and more orders for the complete equipment of factories," Burkhard Schmidt outlines the good position. "Thanks to the excellent work by Michael Kurako, we are very well networked, and our high-tech machines made in Germany are recognized for their efficiency, speed and durability."

Quo vadis trade fair?

Due to the cancellation of many public trade fairs, numerous organizers have initiated virtual trade fairs. However, in Burkhard Schmidt's opinion, this format does not have the potential to replace conventional leading trade fairs. "Virtual trade fairs are characterized by a different type of communication; everything is more anonymous. Furthermore, public trade fairs offer visitors the opportunity to see and touch the machines on site. Even new technologies such as virtual reality cannot convey this hands-on experience very well or replace seeing these impressive machines in person.



Pharmtech in Moscow is one of the most important international trade fairs for L.B. Bohle. Due to numerous installations, L.B. Bohle has an excellent reputation in the Russian pharmaceutical market.

FIRST-HAND NEWS

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BLENDING, GRANULATION AND TABLETING

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THORSTEN WESSELMANN EXECUTIVE DIRECTOR

A central CIP station effective cleaning very also includes frame) in various cleaned automation and ventilation containers.

Online-FAT en The entire FAT streaming of



With the containment valves, the VMA ensures secure installation



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