

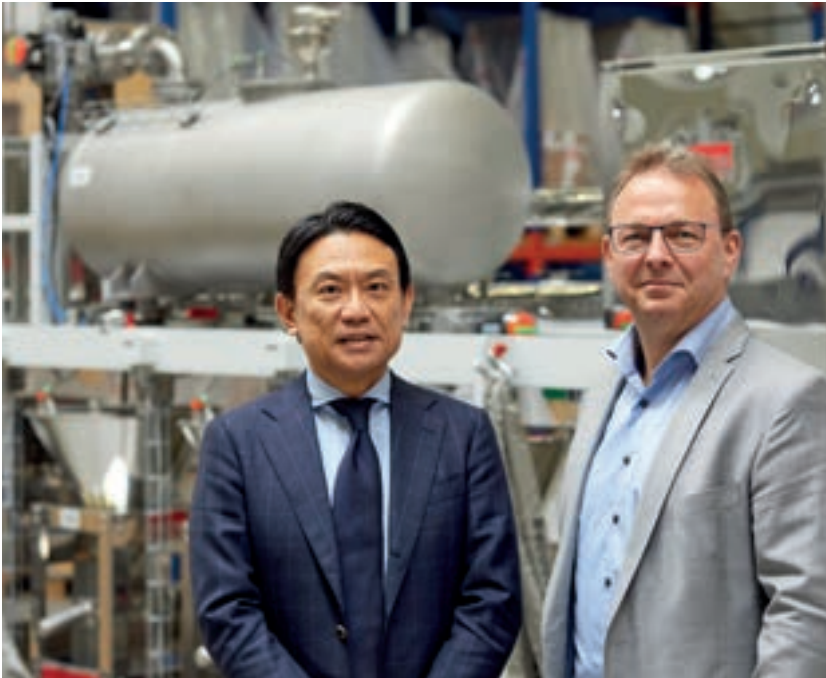


Issue 16

The magazine for bulk ingredients technology



**THE RIGHT
FEEDING SOLUTION
FOR EVERY
REQUIREMENT**



HIDEKI SAIKI

CEO

Kubota BrabenderTechnologie

BRUNO DAUTZENBERG

CEO

Kubota BrabenderTechnologie

**Dear readers,
dear colleagues,**

technological progress is increasingly gaining momentum, and our world is changing more and more rapidly. Innovative technology, novel materials, and optimized or completely new processes and products constantly offer new opportunities to companies and consumers. Some new developments – like artificial intelligence – are themselves drivers of innovation, unleashing increasing potential in all economic sectors.

We have set ourselves the goal of always offering the best possible feeding solutions. Innovation plays an important part in this. Continuous research and development allows us to take advantage of the opportunities that technological progress offers. Read about how we employ innovation on page 8 and following.

Of course, it takes more than innovation to optimally meet our customers' needs and requirements – our expertise in materials and production processes is also essential. Starting on page 12, discover how we turn our extensive experience into our partners' advantage.

In this issue of FLUX, we also report on events in our locations around the world, and introduce you to Jens Miedek, our Director of Global Sales, on page 28.

We wish you an inspiring read!

Hideki Saiki and Bruno Dautzenberg

December 2024

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Evolving into one company

A solid foundation for success



A hand is visible at the bottom of the frame, holding a large, intricate cluster of blue gears. The gears vary in size and are interlocked, creating a complex mechanical structure. The background is a soft, out-of-focus sky with light blue and white clouds. The overall composition suggests themes of technology, engineering, and human intervention in machinery.

> Synergy and growth: Those are the terms that currently best describe Kubota Brabender Technologie. Over the past two years, the companies Kubota and Brabender Technologie have been merging into one company. Bruno Dautzenberg and Hideki Saiki – joint general managers of Kubota BrabenderTechnologie – are highly satisfied with the company’s progress.

“From the beginning, we approached the merging of our companies not as a sprint, but as a journey,” says Hideki Saiki. “It was important to all of us to build a solid foundation for long-term success. In order to achieve this goal, we are bringing together our technology, our business processes, and our values. Needless to say, that doesn’t happen overnight, and the process is still on-going. However, we are already seeing positive results.”

Expanded and optimized product range

The demand for up-to-date, premium feeding solutions is evolving rapidly, keeping pace with the increasingly complex and demanding industry requirements. Our merged, expanded and optimized product range allows us to make the most

of this opportunity to increase our presence in the market. For example, the NX Feeder – an innovative Japanese gravimetric feeder combined with proven Brabender technology – was successfully introduced to the European and North American markets last year. Conversely, the distribution of



It was important to all of us to build a solid foundation for long-term success. In order to achieve this goal, we are bringing together our technology, our business processes, and our values."

Hideki Saiki,
CEO at Kubota Brabender Technologie



Close exchange on site in Osaka with Japanese colleagues 2023 (from left to right): Masayuki Kashu, Markus Heine, Carsten Dieckhoff, Tamura Kazutoshi



The combination of technology, business processes and values forms a solid foundation.



The Kubota Brabender Technologie team at the first joint K 2022 trade fair in Düsseldorf

Brabender Technologie feeders to the Japanese market is quickly progressing. Our expanded portfolio of industry-specific solutions provides a solid foundation for continued growth and expansion in Asia.

“As one company, we will use our combined potential to expand our position in key markets like the battery industry,” says Bruno Dautzenberg. “Our ultimate objective is becoming the number one manufacturer of gravimetric feeding systems. To realize this goal, we are first accomplishing a number of internal tasks, including the integration of different cultures, standardization of processes, and the identification of relevant and marketable synergy potential.”

Maintaining a strong brand worldwide

We have developed a new corporate identity incorporating elements from both companies and are organically establishing it throughout our global locations. The gradual adoption also serves to ensure a minimum of confusion on the part of established customers and partners. We always remain easily identifiable, maintaining a strong and immediately recognizable brand.

Our headquarters in Duisburg is the strategic center for our global marketing efforts. This is where the constant flow of information and expertise is brought together, including that of the Duisburg headquarters and the global locations, but also of the marketing and key internal teams. This information hub is a vital factor in going forward as a strong, united company. We are also in the process of preparing our sales networks across the globe to grow together, allowing us to distribute our products along established networks worldwide. This synergy effect will be the ideal base for expansion.

Exchange of information, expertise and people

Kubota Brabender Technologie’s locations in Germany, Japan and Canada keep in close contact during every step of the development process. This regular sharing of information between our locations has already been highly beneficial, allowing

us to optimize production processes and productivity in all locations as well as facilitating several key product developments and advances. Also, Kubota’s uncompromisingly high safety standards have become the model for all locations, which have adopted a number of measures to raise our safety programs to even higher levels.



As one company, we will use our combined potential to expand our position in key markets.”

Bruno Dautzenberg,
CEO at Kubota Brabender Technologie

The exchange of knowledge does not only take place via electronic communication and regular video calls, but also through employee exchanges at different levels. We regularly welcome visitors from our location in Osaka in Duisburg, and employees from Germany visit Japan equally routinely. This allows us to gain deeper insights into the structures, processes and cultures of the respective visited locations, and has been invaluable in merging the companies together. ■

Living strong values

Our company is built on strong values. In the tradition of the parent company Kubota, we place the highest importance on both social responsibility and product quality. These are the values that provide us not only with a strong foundation for business, but also a sense of personal commitment and purpose.



R&D: Creating solutions for tomorrow

Innovation at work

➤ Groundbreaking technologies, innovative materials, new processes, and products for even higher requirements: Innovation is the be-all and end-all in production. Companies have to keep moving to meet the wishes of customers and consumers – and the demands of our fast-moving society. As a leading supplier of feeding solutions, we are constantly developing new solutions to support our customers and partners in their own progress.

Kubota Brabender Technologie continuously optimizes its machines, searches for innovative solutions for new (and old!) requirements – and sometimes breaks entirely new ground. Our Research and Development department – also known as R&D for short – plays a pivotal role here.

In the following, we introduce **four of the projects** we have been working on lately. Not every R&D project leads to a marketable product – but each one provides us with important insights and serves our goal of always offering customers the best possible solution.



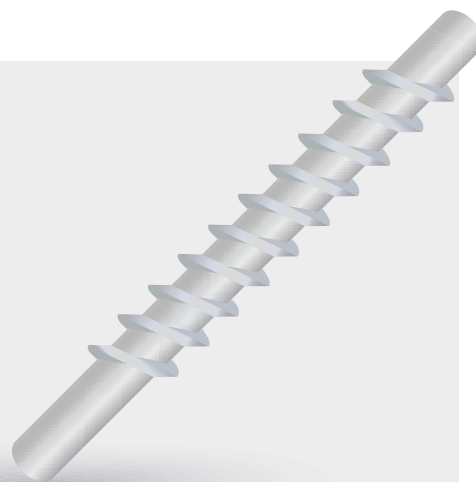
PROJECT NO. 1

Custom-made plastic screws

While steel screws offer high performance, they are not ideal for every feeding application. In extremely sensitive industries like tablet production, safety requirements may demand that the steel screw and screw tube never touch each other – even when the feeder is starting up without product. Since it is essential that no metal particle comes into contact with the product, this is intended to completely exclude the chance of abrasion.

A possible solution is a screw constructed from a special plastic. However, this creates a new problem: Screws are usually manufactured by spinning with a lathe, and up to now, the pressure of this process has been too high to allow working with plastic. Plastic screws manufactured by 3D printing, on the other hand, can only be fashioned from a single material, meaning that these screws' bayonet connection also consists of plastic. This leads to a lack of stability and low durability.

Kubota Brabender Technologie is currently testing a plastic screw that is – for the first time – manufactured conventionally by a spinning process. Comprehensive expertise and special software have made it possible to produce a high-quality plastic screw with a bayonet connection made of stainless steel – despite the high pressure of the process. The result: a light, stable and robust screw with excellent durability. We are now running tests to determine which specific plastic achieves the best results in specific applications.



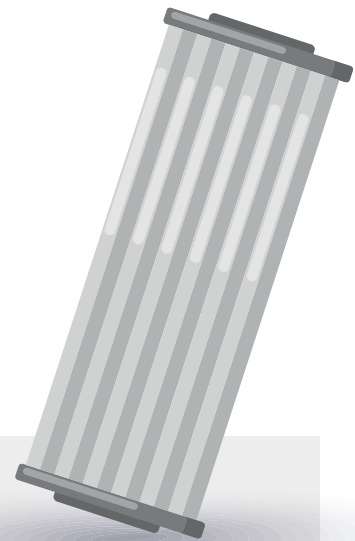


PROJECT NO. 2

Product change in 30 seconds: modular feeders

Industries with frequent product changes and high cleaning intensity stand to benefit from a special development Kubota Brabender Technologie is testing at the moment: modular feeders. These feeders' drive can be quickly separated from their process section, with no product escaping. While the process section with the hopper is cleaned, another process section with a different product can be connected to the drive. Production can thus continue after a very short interruption.

With a modular feeder, a product change is theoretically possible within 30 seconds. This allows an enormous gain in productivity for laboratory operation, experimental operation, the pharmaceutical industry, or powder handling of any kind. Currently, Kubota Brabender Technologie is testing the innovative modular design with two small devices – the Mini Twin and the DDSR20.



PROJECT NO. 3

OEB JetFilter cartridge up to filter class H14

Special technical safety precautions are necessary when processing substances with a high hazard potential. With new filter cartridges for its JetFilter – a low-maintenance air cleaning system that filters the exhaust air flows generated when filling bulk material feeders – Kubota Brabender Technologie intends to offer solutions for even higher safety levels in the future.

Filtering toxic and carcinogenic substances with a high OEB value requires the automatic cleaning of the JetFilter at specified intervals. Up to now, this cleaning requirement has prevented the production of JetFilter cartridges in filter class H14. Now, however, we have found an innovative material that offers the high filtration efficiency required by filter class H14, while also being able to withstand automatic cleaning under pressure.

The OEB (Occupational Exposure Band) classifies substances according to their potential effects on health. The spectrum ranges from substances classified as OEB 1, which are harmless, to materials classified as OEB 5 with extremely high toxic potential.



PROJECT NO. 4

Clean deal: shaft seal with flushing function

Powdery, dusty products can be problematic even when they are not toxic – especially if their particles are fine enough to work their way into seals. Abrasive products can also impair seals' function. To increase the service life of seals when feeding such products, we are currently testing a special, newly developed shaft seal. Air is continuously blown through it, preventing particles from settling in its immediate vicinity.

This solution is based on our high-quality PTFE Multilips seal and offers another substantial

advantage: It can be easily retrofitted to most Kubota Brabender Technologie devices.



R&D and the importance of innovation

Progress does not stand still... and neither do we. Targeted research and development allow us to offer state-of-the-art solutions that precisely meet the requirements and needs of our customers – now and in the future. The most important basis for this is the experience, knowledge and innovative strength of our R&D experts. The Technical Center in Duisburg provides our R&D department with the optimal technical means to create prototypes and put new developments through their paces.

A new addition worth mentioning: A state-of-the-art, large-volume synthetic resin 3D printer has recently taken up work with us. With this machine, we can produce highly accurate, detailed parts with smooth surfaces from extremely high-quality materials, including parts made from biocompatible materials

suitable for medical applications. The printer can produce prototypes as well as small series in very high quality – a great help in product development. It also allows us to quickly produce individual and spare parts for customers. ■



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Expertise in processes and materials

The right feeding solution for every requirement

> Whether textiles, car tires, gummy bears, transparent film, or tablets – bulk materials are the basis of most industrial products. Their forms and properties are just as diverse as the respective production's requirements. In order to offer the right feeding solution for every application, one thing is required above all: comprehensive expertise in materials as well as industrial processes.

Pellets, powders, fibers, flakes, liquids – very fine, poor-flowing, abrasive, and explosive substances: They must all be measured out precisely, safely and reliably. And when finding the optimal feeding solution, the production processes themselves are as important as the materials to be processed.

Highly diverse process requirements

No two productions are the same. The pharmaceutical industry's laboratories process minute quantities of reactive and demanding substances, while immense product volumes pass through the machines producing detergents; the food industry processes perishable and sensitive ingredients under the most stringent of hygiene requirements, while the production of batteries requires safely guiding dangerous and explosive substances through complex manufacturing procedures.

Innovation requires experience

Progress never stands still: The industry is constantly developing new production methods. Long-established materials give way to partly or entirely new ingredients, and innovative products call for cutting-edge approaches. The market demands accuracy, fast product changes and cost-effectiveness, while legal requirements grow increasingly stringent.

An ideal solution for every application

Finding the best possible feeding solution requires comprehensive process and material expertise in all aspects of bulk material handling. This is precisely what Kubota Brabender Technologie offers. At times, we even break entirely new ground to offer the optimal feeding system for our customers'

applications – depending on the bulk materials' and productions' demands. On the following pages, we present some examples of feeding solutions that are perfectly adapted to materials and processes.

Heavyweight for detergent production

The worldwide consumption of detergents requires enormously high production capacities – output volumes of 80 tons per hour and production plant are no exception. Conventional gravimetric feeders are unable to handle such massive volumes. So, Kubota Brabender Technologie has developed high-performance loss-in-weight feeders that feature a screw diameter of up to 250 millimeters and hopper sizes of up to three cubic meters – especially for detergent feeding. These machines' extremely high weight is tared via redirection by special frames, allowing the actual product weight to be measured precisely with a relatively small load cell.



BATTERY



Complex processes with explosive potential

Battery production is extremely complex and requires absolute precision when it comes to feeding raw materials, especially active materials such as graphite and lithium cobalt oxide. Working with toxic and explosive substances has special requirements; each process must be extremely precise in terms of speed, and many of the materials used have challenging properties and difficult flow characteristics.

Explosion protection through ATEX-compliant design

In order to ensure a battery production that is as safe as it is economical, Kubota Brabender Technologie's feeders are completely tailored to the production in question. With the help of explosion protection experts, the manufacturer divides hazardous areas into zones according to the duration and frequency that explosive atmospheres occur in them. In each zone, only equipment providing the required type of protection against ignition according to the ATEX

directives is used. Material storage, refilling and the specific processing machine are also taken into account.

Equipment without ignition risk

All employed devices are constructed to have no effective ignition source. Their maximum surface temperature is below the ignition temperature of the explosive substances in question. In addition, special load cells, motors or temperature sensors can be used at storage locations, and electrical components like PTC thermistor evaluation devices, isolation switching amplifiers or standstill monitors can be installed in control cabinets.

Safely processing toxic substances

Kubota Brabender Technologie employs containment solutions and closed systems to protect personnel from contact with toxic substances. The processed material's hazard potential determines the degree of safety required. Suitable disposal systems and filters up to HEPA class H14 serve to protect the environment.

Protecting personnel and environment

Feeders designed to process substances that are health hazards feature a number of modifications. All transfer points in the product space are designed as solid flanges with milled surfaces and enable reliable sealing. The transfer points between the flanges are sealed with special FDA-approved O-rings. The leakage monitoring opening in the gearbox is secured with sealed viewing glasses; in the event of a failing shaft seal, this prevents leakage of the product. In order to prevent the lid, hopper, and screw tube from being opened accidentally, the quick-release fasteners cannot be released without tools.



PHARMA

Hermetically sealed precision

The pharmaceutical industry has particularly high standards in terms of both materials and processes. Pharmaceutical ingredients can be extremely demanding and require special treatment; at the same time, the mixtures of several substances frequently have markedly different requirements than the original ingredients. Pharmaceutical processes in production and research require permanent quality control, hygienic conditions, extremely accurate feeding of even the smallest quantities, and absolute adherence to the recipe.

Accordingly, Kubota Brabender Technologie offers devices that provide Hygienic Design for pharmaceutical productions completely focused on optimal safety and hygiene. Quick-release fasteners ensure quick disassembly, allowing the processing part to be easily detached and pulled away from the fixed drive part and enabling quick and hygienic wet or dry cleaning. All materials in contact with the product are non-reactive and easy to clean. Last but not least, special seals and safety precautions ensure that not even the smallest amount of product can escape.

Precisely feeding small quantities

Manufacturing medicinal products requires absolute precision, even when feeding quantities in the gram range – a task that conventional feeders cannot master. With the MiniTwin, Kubota Brabender Technologie offers a feeding solution that ensures the reliable feeding of powders and fine-grained bulk materials in the gram range. The interaction of the weighing system, DC smart motor, agitator, and twin screw geometry ensures the consistent flow of bulk material and provides a uniform screw fill level with even the smallest feeding quantities, such as those required in pharmaceutical research.

Closed processes and easy cleaning

Hermetically sealed processes and uncompromising hygiene also play an essential role in the pharmaceutical industry. To ensure the safety and quality of the produced pharmaceutical substances, their contamination must be prevented at all cost.

Hygienic Design without compromise

Kubota Brabender Technologie is a member of the European Hygienic Engineering & Design Group (EHEDG), which defines the guidelines for Hygienic Design in cooperation with the European Committee for Standardization. This means we are always up to date. Our design engineers work closely with the consortium's experts, who also come to the factory, inspect equipment, and give specific tips and recommendations on how to further optimize Hygienic Design.



FOOD



Controllable quality and flexible design

Before food products reach shelves, shopping bags and plates, they undergo very diverse production processes that can be extremely complex. The raw materials for foods also have high and diverse demands, because natural ingredients are often very heterogeneous in size, shape and properties. It takes special expertise to offer reliable and controllable quality, hygienic equipment, and the precise feeding of sometimes extremely difficult raw materials.

Flexibility as a basic requirement

The food industry is in constant change; seasonal products, novel ingredients, additional flavors and completely new products are the rule rather than the exception. Legal regulations and guidelines also change regularly, demanding ever higher standards. Combined with the diversity of raw materials, which place extremely varied demands on feeders, this means that versatility and flexibility are crucial. A feeder that is only suitable for a single ingredient or specific process is out of place here.

Built-in versatility

Kubota Brabender Technologies' screw feeders for the food industry are extremely versatile. Thanks to a large selection of different screws and screw tubes, they adapt quickly and easily to changing production conditions or ingredients. Since the screws differ not only in diameter, but also in the distance of the threads to each other, the same feeder can cover a very broad spectrum of applications. Motors with



the high adjustment range of 1 to 100 and the same torque throughout the entire speed range also contribute to allowing an easy adaptation.

Minimal downtime despite frequent cleaning

In order to protect the health of consumers, the food industry's hygiene requirements are uncompromisingly high. All employed equipment must offer consistent Hygienic Design to ensure the produced foods' safety and quality. At the same time, the downtimes caused by frequent cleaning must be minimized. Every minute is valuable, making it crucial that quick-release fasteners and the right choice of materials allow quick and hygienic cleaning.

Hygiene by design

To meet these requirements, Kubota Brabender Technologie has developed feeders completely tailored to hygiene. These devices can be disassembled in the shortest possible amount of time; all parts in contact with the product are made exclusively of

EC 1935/2004 and FDA-compliant materials, are easily accessible and can quickly be wet cleaned. All seams in the product area are continuously welded and fully ground-down to prevent products from adhering. Exposed threads and cavities in the device design are avoided, allowing hoppers to be emptied quickly and completely. Smooth stainless steel surfaces and rounded edges – which are largely self-cleaning thanks to the lotus effect – minimize the gathering of dust and particles. Fanless smooth motors without cooling fins avoid unnecessary turbulence and also offer minimal deposit areas.



PLASTIC



Feeding research at the Technical Center

The optimal solution for every bulk material: Our experienced technicians carry out feeding and discharging tests with original bulk material at the Kubota Brabender Technologie Technical Centers in Germany and Canada. This is how we find solutions for new developments, innovative materials and sophisticated processes – and make our expertise an advantage for our partners and customers.



Reliability in every environment

We encounter plastic at every turn in our daily routine; it is omnipresent in modern life. Its characteristics are as diverse as its tasks. From smartphones and electronics to cars, packaging, and household goods to construction, agriculture, and medical technology: Plastic plays an important role everywhere, and takes a different form in each of its roles. In order for plastic to have the required properties for every specific application, the production process must be extremely precise – frequently under challenging industrial conditions.

Robust construction

Industrial plastics production and processing place high demands on production equipment. Large production volumes, high throughput, limited space, and dusty environments require extremely robust devices. At the same time, flexibility, precision and system control are crucial. With its extremely robust design, the Kubota Brabender Technologie feeder FlexWall®Plus meets these high requirements. Its space-saving trapezoidal shape allows several devices to be arranged in a circle around a central



output point, and its precise high-tech digital load cell – as well as the option of regulating the screw and paddle motors separately – make it an ideal universal solution.

Transformation through accessories

Permanent innovations and the highest demands: The plastics industry requires flexible, versatile feeders. Thanks to a comprehensive range of accessories, Kubota Brabender Technologie can adapt its feeders to meet the requirements of the respective production perfectly. Available options include, for example, JetFilters of the HEPA classes M to H14, slewing rings with 360 degree rotation for easy position adjustment and cleaning, cart mounting, quick-release locks, collection funnels, automatic filling slides for loss-in-weight feeders, and devices for blocking bulk material flows.

Recycling expert for special tasks

Plastic recycling presents its own unique challenges. Kubota Brabender Technologie designed the fiber feeder FiberXpert specifically for feeding long, heterogeneous fibers – a bulk material that conven-

tional feeders cannot handle. Thanks to its screw and trough geometry and agitator configuration, this feeder reliably feeds even long, irregular and non-flowing, easily interlocking fibers. Such fibers are produced, for example, during the recycling of beverage cartons and building materials, as well as during edge trimming in film production.

Expert knowledge on materials

We know how demanding materials in the field of recycling are. That's why we use our Technical Center to adapt and fine-tune every feeder precisely to the respective application. Thanks to our extensive know-how and many years of experience, we can find the right feeding solution for every production and every material. ■

Intuitive operator interface Congrav® OP-S

Upgrade to the “Next Generation”

> A good gravimetric feeding solution consists of more than just the feeding unit – the control system must also provide peak performance. Only this can ensure an optimal feeding result.



The operator interface is an essential part of the control system. It must be uncomplicated, reliable and intuitive and offer all the possibilities of modern technology. This is exactly what the Congrav® OP-S does. With this device, we present the next generation of our compact touch screen operating units for component control.

Intuitive use and added convenience

The compact touch screen unit Congrav® OP-S is specifically designed for the operation of a single feeder. Its capacitive 7-inch color display allows users to easily configure, control and set parameters for a feeder.

Congrav® OP-S at a glance

- Easy configuration, control and parametrization as well as access to diagnostics and maintenance of a gravimetric feeder
- Compact unit with large 7-inch touch screen (152.4 x 91.4 mm)
- High-resolution color touch screen with LED backlight
- Very large viewing angle (20°–160°) allows good visibility from virtually all directions
- Ease of use thanks to intuitive user interface
- Connection with feeder via serial interface
- Compatible with all Kubota Brabender Technologie feeders with controllers Congrav® CB-E or CM-E

Further information

Set-Card



Flyer



Explanation video



Congrav® OP-S
next
GENERATION

Monitoring ongoing operation is just as simple and straightforward, meaning that the operator interface also functions as a diagnostic and maintenance tool. In addition to versatility and ease of use, the Congrav® OP-S also offers an excellent viewing angle of 20 to 160 degrees, ensuring its display's perfect visibility from virtually all directions. ■

CONTACT

Customer service

Do you have any questions or need an instruction manual? Our service team is happy to support you!

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Email: hotline@kubota-bt.com

CANADA:

NPE 2024 – The Plastics Show in Orlando, Florida, May 6 to 10

Spotlight on innovation and recycling

➤ For five days in May, Orlando became the plastics capital of the world. Over 50,000 plastics professionals from around the world visited the Orange County Convention Center to attend the NPE 2024 – the largest plastics trade show in the Americas, as well as one of the most innovative business events in the world. Kubota Brabender Technologie was there to show how the company's solutions add value to the plastics industry's feeding processes.

Further trade fair dates

Further trade shows can be found on page 30 or on our website.



We look forward to welcoming you in person.

"It was truly inspiring to meet with experts from around the globe, representing so many industries," says Jocelyn Ferrenbach, Regional Sales Manager of Kubota Brabender Technologie Canada. "From automotive to building and construction to healthcare and consumer products – plastics are irreplaceable in an increasing number of industries. And for all of them, versatile and accurate feeding solutions are key."

Setting new milestones

The show was the most international in NPE's history: Visitors from 133 countries registered to attend. Another milestone was the audience's age; 30% of attendees were under the age of 40, speaking to the promising future of the plastics industry as well as the drive for innovation and sustainability. Over 2,100 exhibitors showed plastics innovations across every major industry, including new products as well as innovative technologies and materials.

Focus on the environment

In keeping with global trends, sustainability and recycling were a special focus at NPE 2024. This was evident both in the new developments – which included bio-materials and materials made from recycled fibers – as well as the recycling efforts of the trade show itself. NPE repurposed 100% of the plastics it collected at the show, totaling 516,160 pounds of recycled plastic, cardboard and aluminium.

Considering this focus, it's not a surprise that Kubota Brabender Technologie's feeding solutions garnered special attention. Recycling plastics is a challenging tasks that requires special solutions – solutions like the FiberXpert, which was designed specifically for feeding all types of long and uneven fibers,

including carbon fibers, PP, PET flakes, shredded film or carpet. "These materials are notoriously difficult to feed accurately and consistently," Jocelyn Ferrenbach emphasizes. "The FiberXpert is the first solution to provide this option to recycling processes. And as NPE 2024 has shown yet again, plastics recycling is becoming a central concern of every major industry." ■

// It was truly inspiring to meet with experts from around the globe, representing so many industries."

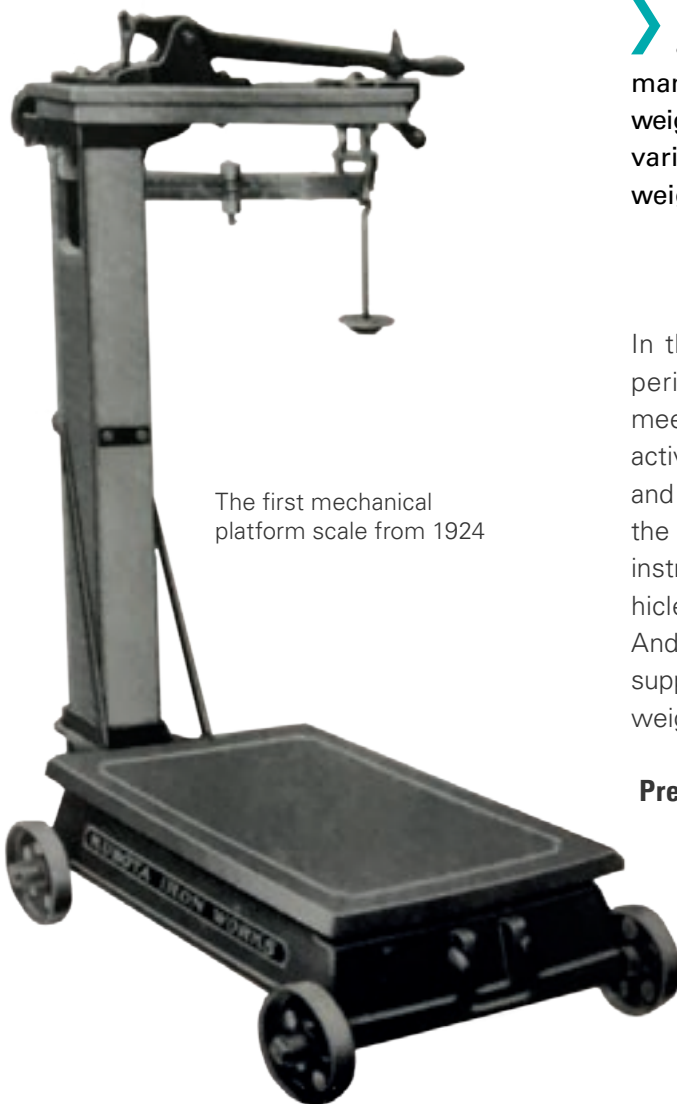
**Jocelyn Ferrenbach,
Regional Sales Manager at
Kubota Brabender Technologie Canada**



The Kubota Brabender Technologie team at NPE 2024

JAPAN: Kubota's scale business celebrates its 100th anniversary

A century well weighed



The first mechanical platform scale from 1924

It all started in 1924 with the production of a mechanical floor scale. It was the first of many: in the following decades, Kubota's young weighing business grew and expanded to include various industrial measuring instruments and weighing systems... and the rest is history.

In the rapid economic growth of the post-war period, Kubota's weighing solutions helped to meet Japan's high demand for steel and cement, actively taking part in the country's revitalization and renewal. After the oil crisis that hit Japan in the early 70s, the weighing systems were literally instrumental in the mass production of motor vehicles, chemicals, energy and consumer goods. And in today's information-driven society, Kubota supports digital transformation with high-precision weighing technology.

Precision and commitment

Over the decades, Kubota's weighing business has changed fundamentally. However, what has always remained the same is the precision of the high-quality weighing solutions – and Kubota's commitment to the goal of creating innovative technology to contribute to a good and healthy future for everyone.



Weighing technology events

Kubota is celebrating the anniversary year with seminars presenting the latest weighing technology in various regions of Japan. Interested companies can have the information events held in-house, free of charge. Topics include working with weighing systems – beginning with the selection of the right device for the production in question – as well as weighing technology for explosion-proof areas and the complex task of feeding liquids. Participants experience the devices in action and thus gain an excellent impression of Kubota's weighing systems. Needless to say, the new NX feeder is among the devices shown. ■

INTERPHEX WEEK TOKYO

JAPAN: INTERPHEX in Tokyo

In June 2024, 31,977 visitors attended Asia's leading pharma industry event: INTERPHEX Week Tokyo. Leading companies showed a vast array of products in manufacturing, packaging, and R&D. Kubota Brabender Technologie was there to showcase its cutting-edge feeding solutions for the pharmaceutical industry, strengthen existing partnerships, and establish new contacts with researchers and pharmaceutical manufacturers.



Our highlight: the interesting discussions with visitors

GERMANY:

Imparting feeding competence – Training in Duisburg

Practice makes perfect

➤ How are feeders constructed? What factors should be kept in mind with different bulk materials? Which screw is the right one? And: How do you determine the correct control parameters? Feeding is a complex task. Users need a considerable amount of knowledge to utilize the full potential of Kubota Brabender Technologie's high-quality equipment. This is why Kubota Brabender Technologie's quality concept includes training courses. In these courses, we impart the know-how that allows our technology to deliver the top performance our customers can expect from us.

In-depth knowledge

Kubota Brabender Technologie's training room in Duisburg offers an impressive view of the industrial Ruhr region – and a wealth of modern and older technology. Here, training instructors Ralf Griemens and Giovanni Cappiello teach everything you need to

know about working with feeders and their controls. "Our target group is highly diverse," Ralf Griemens reports. "Every new Kubota Brabender Technologie employee receives training to develop a basic understanding of our devices... even administrative employees. Far more technical and detailed training

EXPERTS

Significant knowledge of the subject and practical application possible

EXPERIENCED/ADVANCED

Deep knowledge of the subject and the practical application

BEGINNER

Basic knowledge



Three levels of intensity describe the acquired competence after the training.

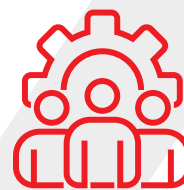
courses teach prospective service technicians and certified commissioning engineers how to operate and configure our equipment."

Focus on practical application

The largest and most important group of trainees are customers. New customers as well as long-term partners train their employees in Duisburg. Training courses on control units are in particular demand – unsurprising, as the controls are the most complex part of every feeder. "Practical experience is extremely important here," Ralf Griemens emphasizes. "The training room is equipped with a large selection of technology, and we work directly with the machines. For example, we simulate error messages that participants examine and resolve, and we demonstrate the reasons behind them." If required, Kubota Brabender Technologie's Technical Center also comes into use.

Training courses made to measure

Kubota Brabender Technologie offers a wide range of training courses in Duisburg, covering feeding, feeding technology, discharging, and control systems. Additionally, customers can receive trainings individually tailored to their specific machines and requirements. If customers prefer their employees to be trained directly on their own equipment or want a very large group of employees to receive training, courses can also be held on-site at the customers' premises. ■



Training overview

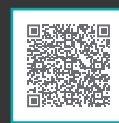
1. Basics of Kubota Brabender Technologie
2. Feeding (basics)
3. Feeding (technology, assembly and equipment)
4. Discharge (basics, technology and equipment)
5. Feeding methods and processes
6. Control
7. Special topics

Detailed information

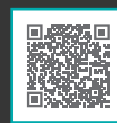
For more information on the training courses, a current course overview and the registration form, please scan the QR codes below.



Module
page
service



Registration
form / Training
overview



Training
catalog



GERMANY:

Meet Jens Miedek, Director of Global Sales

Sales expert with a focus on globalization

➤ Since August 2024, Kubota Brabender Technologie has a new Director of Global Sales. Jens Miedek has taken on the important task of leading the company's sales strategy worldwide and implementing it in existing and new markets, furthering the interests of the company.

In addition to extensive experience as a global sales manager, Jens Miedek has a strong technical background as a trained electrical engineer. Technology has always been important to him; he is particularly interested in technical B2B solutions that require explanation. Feeding technology is a perfect fit... just like the company Kubota Brabender Technologie.

FLUX: Where did you work before you joined us?

Jens Miedek: I am not a flighty person – I've spent most of my professional career in two companies.

After a short stint in medical technology, I spent 12 years with a company that develops and successfully distributes software for industrial solutions worldwide. Among other things, I was responsible for market development in Eastern Europe, Scandinavia and other European countries. I then joined a company that primarily develops complex technical solutions for media technology, where I was Head of Global Sales for 16 years. I was able to pave the way for this originally medium-sized company to become an international company with 1,300 employees around the globe.

FLUX: Why did you decide to make the change?

Jens Miedek: When you turn 50, you look back and take stock... at least that's how it was for me. I found that I wanted to create a new impulse for myself – to discover and shape a new subject area once again.



The company's prospects are excellent."

**Jens Miedek,
Director of Global Sales at
Kubota Brabender Technologie**

FLUX: What attracted you to Kubota Brabender Technologie?

Jens Miedek: The feeding solutions are technologically complex, require explanation and always include a certain amount of customer-oriented customization. That's exactly what has always fascinated me. How can we communicate the technology and its advantages and opportunities? How do we build the optimal organization for this? Also, Japanese companies work with long-term goals and perspectives, and I can identify with this and with working in a Japanese company.

FLUX: What other criteria played a role?

Jens Miedek: One question was very important to me: What is the company's vision, and what are its intermediate and long-term goals? Can they be reached? With Kubota Brabender Technologie, I immediately saw that the prospects are excellent. The products and solutions are technology leaders, and the market offers the potential to achieve the set goals. That makes it very appealing to me.

FLUX: What is your first step with us?

Jens Miedek: In order to implement our vision in terms of growth and market coverage, we must first create the necessary structures. This means we have to rethink our approach. Up to now, the company's development has been focussed on meeting market demand. Further growth will depend on structures that also generate stronger demand.

FLUX: How will you proceed strategically?

Jens Miedek: My initial focus is very much on Europe. The first step is to establish an organizational structure and processes that generate demand. We



It's about shaping the future."

Jens Miedek,
Director of Global Sales at
Kubota Brabender Technologie

have already reached a very good level in the core market Germany and the other DACH countries; the potential for real growth lies in Europe's other major industrial nations. There are industrial heavyweights in Europe that offer us considerable growth potential.

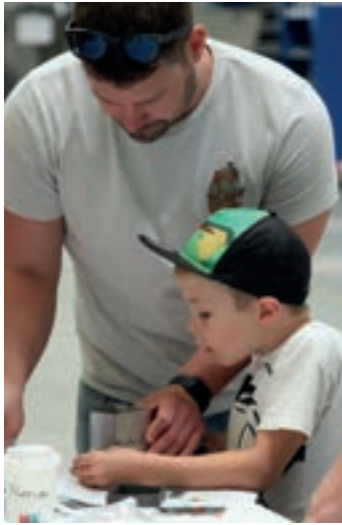
FLUX: How do you see Kubota Brabender Technologie's future?

Jens Miedek: We have the best possible starting position. High-quality products, outstanding services, high market awareness, existing market potential and reputation, as well as high commitment on the part of the Group – with these prerequisites, the goals set for 2030 are more than achievable. Growth is not rocket science – it is a question of strategy, and I have the very firm conviction that we will achieve our goals. ■



Growth is not rocket science – it is a question of strategy."

Jens Miedek,
Director of Global Sales at
Kubota Brabender Technologie



A successful family celebration for young and old

Summer, sunshine and good company

Once again, this year's summer festival was a resounding success. More than 400 employees and family members came together on the company premises in Duisburg to chat and unwind in a relaxed atmosphere. Two food trucks provided the guests with Ruhr area specialties such as currywurst and "Pommes rot-weiß" – fries served with both ketchup and mayonnaise – as well as delicious falafel wraps and pasta. Visitors to the mobile sushi bar could

watch the Japanese delicacy being prepared, and guests with a sweet tooth enjoyed crêpes and ice cream.

There was also plenty of entertainment for the children. They had fun with a bouncy castle, a goal wall, a balloon artist and activities like face painting, Jenga XL and ladder golf. A special highlight: the little FlexWall Kids, which feeds smarties. ■

MEET US NEXT AT

Plastimagen

March 11–14, 2025
Mexico City, Mexico

Green Plast

May 27–30, 2025
Milan, Italy

K 2025

October 08–15, 2025
Düsseldorf, Germany

Chinaplas 2025

April 15–18, 2025
Shenzhen, China

Powtech 2025

September 23–25, 2025
Nuremberg, Germany

Compounding World Expo

November 12–13, 2025,
Cleveland, Ohio, USA

K 2025

It's that time again next October: The leading international trade fair for the plastics and rubber industry will once again draw experts from all over the world to Düsseldorf. We will be there and look forward to welcoming you at our stand, inspiring you with the latest feeding solutions for the industry. ■



So: **Save the date!**

K 2025
October 8–15, 2025
Düsseldorf, Germany

ALWAYS UP TO DATE

Interested in discovering more about Kubota Brabender Technologie? Just scan the QR codes to learn more:

Web



FLUX Digital



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Careers



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Company run 2024

It was the sportiest work event in town! Motivation and team spirit allowed our running team to master the 5.2 km long route of the TARGOBANK Run through Duisburg's city center. We rounded off the evening with a cozy after-run party. ■



Kubota Brabender Technologie running team 2024

IMPRINT

FLUX is the magazine for bulk ingredients technology from Kubota Brabender Technologie GmbH

Publisher:

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Kubota Brabender Technologie GmbH
www.kubota-bt.com

Edition no. 16

Release date: February 2025

Kubota **brabender**
TECHNOLOGIE
Kubota Brabender Technologie

FLUX

Keep the Flow



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