



Press Release

Bekum Blow Moulding Days 2024:

International Audience Experiences Innovation and Expertise Firsthand

[Traismauer, Austria, February 2024:] For the first time, the Bekum Group opened its doors to customers and interested parties for the Bekum Blow Moulding Days 2024 at the Traismauer location. Over 100 participants from more than 20 countries responded to the invitation to this significant event. The two-day symposium from February 20th to 21st provided a unique platform for expert lectures, live machine demonstrations, and exchange with industry experts to gain insight into the future of plastic container production.

"We aim to establish the Bekum Blow Moulding Days as a permanent fixture in our event calendar to inform our customers about the latest developments at Bekum while creating a platform for professional exchange and networking in our industry," said Michael Mehnert, Managing Partner of Bekum.

Symposium for Packaging and Industrial Applications

The core of the event was the symposium for packaging and industrial applications, which offered a wealth of expert lectures and insights into the machine program of Bekum's new 8-Series. Experts shared their knowledge about machine technology, extrusion technology, and production optimizations. Highlights included the latest drive technologies, whose outstanding energy efficiency, precision, and process stability in packaging and large blow moulding machines impressed participants. Philipp Schütte, Head of Extruder and Head Construction, emphasized "the key to success lies in the right melt" and provided detailed insights into screw development, CFS simulation of material flow in spiral distributor heads, and material and performance tests that Bekum employs for continuous improvement of extruders and extrusion heads. The presentations of retrofit packages from mono to tri-extrusion and

Berlin | Deutschland

Traismauer | Österreich

Williamston | USA

Bekum Maschinenfabriken GmbH
Kitzingstraße 15/19 • 12277 Berlin • Deutschland
Tel.: +49 (0)30 7490-0 • Fax: +49 (0)30 7490-2441
E-Mail: sales@bekum.de • www.bekum.com

Geschäftsführer:
Dipl.-Ing. Michael Mehnert
Ust.-Id.-Nr.: DE136701335

Deutsche Bank AG, Filiale Berlin
BIC DEUTDE33XXX
IBAN: DE55 1007 0000 0386 9500 00
Amtsgericht Charlottenburg, 92 HRB 3533



the newly developed three-layer head for 220 L L-Ring barrels also garnered great interest among the professional audience, who could study them during the machine live demonstrations. The lectures of partner companies Delta Engineering for downstream equipment, Feuerherm for PWDS and SFDR, and FHW for blow moulding and tools rounded off the symposium content.

Additionally, Mr. Breternitz, Head of Industrialization at Röchling Medical Solutions, appeared as a guest speaker. He reflected on the longstanding and successful business relationship with Bekum and explained to the audience why Röchling selected Bekum as a key supplier of extrusion blow moulding machines for the production of medical and pharmaceutical plastic containers. He particularly emphasized the benefits that Röchling derives from this partnership with Bekum. The symposium also extensively addressed the topic of recycling, supported by a contribution from the VDMA. The current situation in recycling was examined, and the European Union's roadmap and resulting guidelines for a sustainable circular economy were presented. With a gala dinner, where participants had the opportunity to network and expand their conversations with our experts, Bekum created an unforgettable atmosphere and a special evening at a historic location.

Machine Live Demonstrations

The machine live demonstrations provided participants with the opportunity to experience firsthand the diversity of Bekum machines and applications of the 8-Series. From fully electric small blow moulding machines for pharmaceutical, cosmetic, and consumer packaging to large blow moulding systems for containers up to 1,000 liters, the showcased technologies and their applications were impressive. The guided tour conducted in four languages provided participant groups with insights into the performance spectrum of Bekum and the exhibiting partners. This included the full range of electric small blow moulding machines for pharmaceutical, cosmetic, and consumer packaging types EBLOW 208D to 408D. A highlight in this machine hall was the Bekum laboratory machine EBLOW 408D equipped with the Tri-Ex retrofit package for production change from mono to 3-layer extrusion, including a new extrusion head and vertical extruders, connected to Delta downstream equipment with article conveying and testing system plus palletizer.

Berlin | Deutschland

Traismauer | Österreich

Williamston | USA

Bekum Maschinenfabriken GmbH
Kitzingstraße 15/19 • 12277 Berlin • Deutschland
Tel.: +49 (0)30 7490-0 • Fax: +49 (0)30 7490-2441
E-Mail: sales@bekum.de • www.bekum.com

Geschäftsführer:
Dipl.-Ing. Michael Mehnert
Ust.-Id.-Nr.: DE136701335

Deutsche Bank AG, Filiale Berlin
BIC DEUTDE33XXX
IBAN: DE55 1007 0000 0386 9500 00
Amtsgericht Charlottenburg, 92 HRB 3533



In the second machine hall, the large blow moulding system XBLOW 100, which produced 220 L L-Ring barrels in the 3-layer process, could be inspected. Many customers specifically registered for the live demonstration and were enthusiastic about the technology demonstration and the new spiral distributor extrusion head BKW400-3 from Bekum.

Introduction of Large Blow Moulding System XBLOW 200

Another highlight was the introduction of the XBLOW 200 with 2,000 kN clamping force for large containers such as IBCs up to 1,000 L and a mould depth of 2 x 675 - 2 x 825 mm. The centerpiece is the unique clamping concept of the patented closing unit with diagonally arranged tie bars. It allows for easy article removal, mould change, and 6 axis robot integration. A small hydraulic cylinder is responsible for fast clamping closing/opening speeds up to 500mm/s, with the movement also optionally offered as electric. A large, "power stroke" hydraulic cylinder provides clamp tonnage and the ability to have variable mould thicknesses. Dual side platen synchronization system along with force bridging structure on platens ensures perfect clamping force distribution, even for large-volume containers.

Partner & Bekum Service Points: Information Variety and Expertise

During the Bekum Blow Moulding Days, the partner and Bekum service points offered a wealth of information and expertise. In addition to the fascinating live machine demonstrations, various information stands and touchpoints were set up to inform about a variety of services and products:

- The digital spare parts catalog with integrated shopping function allowed visitors to inquire about available spare parts and order them directly if needed.
- Retrofitting of proven Bekum blow moulding machines was a central topic, focusing on the modernization and performance enhancement of existing systems.
- The replacement of the IQT 705/715 control by SPECTRA presented Bekum with a future-proof solution for the control unit discontinued by the original supplier.

Berlin | Deutschland

Trismauer | Österreich

Williamston | USA

Bekum Maschinenfabriken GmbH
Kitzingstraße 15/19 • 12277 Berlin • Deutschland
Tel.: +49 (0)30 7490-0 • Fax: +49 (0)30 7490-2441
E-Mail: sales@bekum.de • www.bekum.com

Geschäftsführer:
Dipl.-Ing. Michael Mehnert
Ust.-Id.-Nr.: DE136701335

Deutsche Bank AG, Filiale Berlin
BIC DEUTDE33XXX
IBAN: DE55 1007 0000 0386 9500 00
Amtsgericht Charlottenburg, 92 HRB 3533



- Conversions of machines from mono to tri-extrusion as well as adjustments of heads and extruders were explained in detail to support customers in modernizing their systems.
- The "Contours & Container" offering provided comprehensive service from article idea to finished product, giving visitors insights into the entire production process.

In addition to Bekum services, partners such as Delta, Feuerherm, and FHW also presented their products and services. These stands were not only an important source of information but also a focal point for visitors interested in innovative solutions and industry-leading technologies. The partner and Bekum service points complemented the live machine demonstrations perfectly and provided visitors with a holistic experience during the event.

Family & Friends Day: Thanks to Employees and Insights for Young Talents

During the Bekum Blow Moulding Days, not only industry experts but also young talents had the opportunity to learn about the diverse career opportunities and apprenticeships at Bekum. Both students from Traismauer and students from the HTL showed great interest in the machine demonstrations and gained exciting insights into the work of designers and automation technicians.

The Family & Friends Day marked a special conclusion to this week of events, where Bekum thanked its employees for their commitment. In addition to employees and their families, the mayor, residents, and other local personalities were also invited to celebrate the successful week of Bekum Blow Moulding Days together.

Released for Publication – Copy Requested.

Volume: 1.142 words / 7.798 characters

Berlin | Deutschland

Traismauer | Österreich

Williamston | USA

Bekum Maschinenfabriken GmbH
Kitzingstraße 15/19 • 12277 Berlin • Deutschland
Tel.: +49 (0)30 7490-0 • Fax: +49 (0)30 7490-2441
E-Mail: sales@bekum.de • www.bekum.com

Geschäftsführer:
Dipl.-Ing. Michael Mehnert
Ust.-Id.-Nr.: DE136701335

Deutsche Bank AG, Filiale Berlin
BIC DEUTDE33XXX
IBAN: DE55 1007 0000 0386 9500 00
Amtsgericht Charlottenburg, 92 HRB 3533



Captions:

Caption 0 (opening image): Welcome Speech by Mr. Michael Mehnert, Managing Director & Owner, Bekum Group

Caption 1: Symposium for Packaging and Industrial Applications_1

Caption 2: Symposium for Packaging and Industrial Applications_2

Caption 3: Live Machine Demonstrations – Packaging Machines_1

Caption 4: Live Machine Demonstrations – Packaging Machines_2

Caption 5: Live Machine Demonstrations – Packaging Machines_3

Caption 6: Live Machine Demonstrations – Packaging Machines_4

Caption 7: Live Machine Demonstrations – NEW Industrial Machine XBLOW 200

Caption 8: Live Machine Demonstrations – Industrial Machines – XBLOW 100 Tri-Ex Production L-Ring Drum 220 L

Image sources: All images are from Bekum (unless otherwise indicated)

Berlin | Deutschland

Trismauer | Österreich

Williamston | USA

Bekum Maschinenfabriken GmbH
Kitzingstraße 15/19 • 12277 Berlin • Deutschland
Tel.: +49 (0)30 7490-0 • Fax: +49 (0)30 7490-2441
E-Mail: sales@bekum.de • www.bekum.com

Geschäftsführer:
Dipl.-Ing. Michael Mehnert
Ust.-Id.-Nr.: DE136701335

Deutsche Bank AG, Filiale Berlin
BIC DEUTDE33XXX
IBAN: DE55 1007 0000 0386 9500 00
Amtsgericht Charlottenburg, 92 HRB 3533



About Bekum ++++++

Pioneer and Trendsetter in Blow Moulding Technology

Founded in Berlin in 1959, Bekum Maschinenfabriken GmbH is one of the world's leading manufacturers of extrusion blow moulding machines.

Founder Gottfried Mehnert conceived the name Bekum as the acronym (Berliner Kunststoff Maschinen).

The company began to flourish in its founding year with the development of the world's first neck-rim calibration. Numerous innovations and patents followed, confirming that Bekum, with its innovative and customer-oriented machinery solutions, has always been ahead of its time – and remains so to this day.

When innovative and economical machinery solutions with high productivity for individual packaging requirements of hollow packaging are in demand, then Bekum, with 60 years of experience in blow-moulding technology, is the first choice worldwide.

Product Range and Applications in Food and Non-food

With future-oriented and reliable production processes and fully electric, as well as hydraulic machinery for the commercial production of blow moulded containers ranging from 5 ml to 3000 l, Bekum offers everything for plastic packaging from one source.

Philosophy of the Company

Building and maintaining long-term relationships with market partners through future-oriented, predictable company policy determine the actions of the first and second generation of the family, represented by Michael Mehnert. This strategy ensures the jobs of dedicated and experienced staff. The preservation of traditional structures, an established network of partners and far-sighted adaptation to change form the basis for continuous development and inspiration for the company in the interest of partners, customers and employees.

Innovation and Technology



Bekum Maschinenfabriken GmbH
Kitzingstraße 15/19 • 12277 Berlin • Deutschland
Tel.: +49 (0)30 7490-0 • Fax: +49 (0)30 7490-2441
E-Mail: sales@bekum.de • www.bekum.com

Geschäftsführer:
Dipl.-Ing. Michael Mehnert
Ust.-Id.-Nr.: DE136701335

Deutsche Bank AG, Filiale Berlin
BIC DEUTDE33XXX
IBAN: DE55 1007 0000 0386 9500 00
Amtsgericht Charlottenburg, 92 HRB 3533



Process reliability, availability, efficiency and sophisticated design characterise the high standard of Bekum production lines for blow moulding. Bekum contributes the expertise that has grown based on these references, associated with various patents in blow moulding, to the fulfilment of every customer requirement.

The level of process design is key for process reliability, reproducibility, parts quality and cost-efficiency. A high-quality production line for extrusion blow moulding, consisting of machine, die and automation which is impressive in terms of speed, wear resistance, availability, process reliability and stability alike, is critical for return on investment (ROI) and the level of added value.

Facts and figures

With 18,000 machines delivered and installed worldwide - about half of them still in use - the Bekum Group has achieved by far the largest production of blow moulding machines of any brand.

The Bekum Group serves approximately 100 countries around the world directly or through representatives.

Today, 350 employees work for the Bekum group worldwide at three locations in Europe and in the US (Berlin (Germany), Traismauer (Austria) und Williamston (USA)).

Our Technology – Your Success

Berlin | Deutschland

Traismauer | Österreich

Williamston | USA

Bekum Maschinenfabriken GmbH
Kitzingstraße 15/19 • 12277 Berlin • Deutschland
Tel.: +49 (0)30 7490-0 • Fax: +49 (0)30 7490-2441
E-Mail: sales@bekum.de • www.bekum.com

Geschäftsführer:
Dipl.-Ing. Michael Mehnert
Ust.-Id.-Nr.: DE136701335

Deutsche Bank AG, Filiale Berlin
BIC DEUTDE33XXX
IBAN: DE55 1007 0000 0386 9500 00
Amtsgericht Charlottenburg, 92 HRB 3533