



Our Technology – Your Success

**Blow-moulding machines for  
packaging, automotive and technical parts**

BEKUM Maschinenfabriken GmbH | Kitzingstraße 15/19 | D-12277 Berlin | Germany

## Press Release (April 2018)

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## Information for NPE 2018

### BEKUM America Introduces the EBLOW 407 DL

#### Multi-Cavity Blow Moulding technology with 3-layer Co-Ex and magnetic quick change

**Williamston (USA) / Berlin (D), April 27, 2018: Steven D. London President and COO comments on BEKUM's appearance at the NPE 2018 in Orlando: "Customers expect answers from BEKUM for the most effective and efficient blow moulding technology that specifically focuses on their production conditions and application. With the EBLOW 407 DL we are putting a system at the centre of our appearance at the NPE 2018, which offers an excellent price-performance ratio in the high-speed production of consumer packaging.**

The North American blow moulding industry recognizes that the BEKUM "07" Machine Series offers a full-range of bottle production potential - small bottles through large handled products. To specifically address the growing market need for a "high speed,

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bottle maker,” BEKUM has successfully introduced the 407 DL machine. This machine offers the benefits of a double-shuttle long stroke machine platen, however, with a focus on cost-efficient production of smaller bottles, especially those for personal care products. With the US-built 407 D and 607 D machine models, the 407 DL will include the patented C-Frame clamp design and is available in **Electric (EBLOW)** or **Hydraulic (HYBLOW)** versions as well as Hybrid versions tailored to customer-specific needs.

At NPE 2018, the EBLOW 407DL version will be demonstrated running an 8 x 100 mm CLD production of a 1-liter round, 3-layer HDPE personal care bottle in recyclable HDPE. BEKUM’s introduction of the US-Manufactured EBLOW 407 DL machine at NPE 2018 will focus on the following key benefits:

- This machine offers the **Multi-Cavity** production of a double-shuttle long stroke machine, however with a focus on speed and cost-efficient production of smaller bottles
- Flexibility is provided with the **newly developed integrated quick mould change system** offering less than 15 minutes mould changes per clamping unit without the use of tools.
- The use of **newly developed 3-layer Spiral flow head** technology for maximized middle layer HDPE PCR loading and precise circumferential wall distribution.
- With **Electric (EBLOW)** or **Hydraulic (HYBLOW)** versions as well as Hybrid versions, BEKUM can tailor the 407 DL machine to address specific customer requirements and operational/maintenance staff expertise.

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### Technical Machine Specifications of the EBLOW 407 DL:

Max. mould width:	860 mm
Max. mould length:	470 mm
Mould depth:	2 x 130 mm
Mould open daylight:	250 mm
Clamping force:	200 kN (22.4 US tons)

**Please visit BEKUM's booth (W2127, West Hall) at NPE 2018 in Orlando Florida May 7 -11 to learn more about the EBLOW 407 DL machine and how you can "Profit from our Experience in High Output Machinery."**

**Reprint permitted – copy requested**

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***BEKUM at NPE 2018, Chicago (USA): West Hall, Booth W2127***

### **Captions:**

Caption 1 (opening image): BEKUM EBLOW 407 DL with 3-layer Co-Ex and magnetic quick mould change

Caption 2: Steven D. London President and COO of BEKUM America Corporation

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

### 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 (**B**erliner **K**unststoff **M**aschinen).

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 over 55 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

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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

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

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