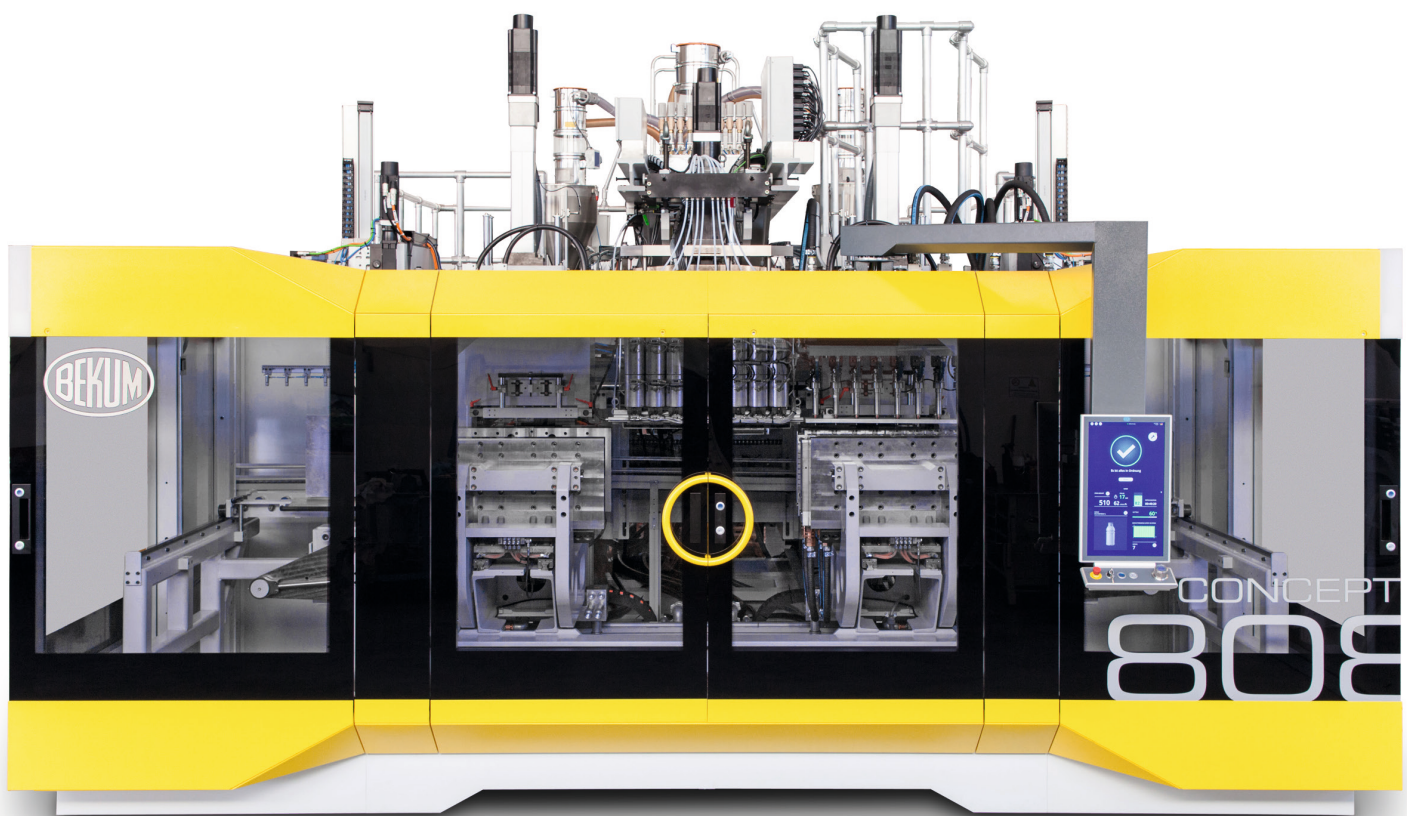




Focus on the Future

Concept 808



Magnetic Quick Change System for mould and blow pins in 15 minutes

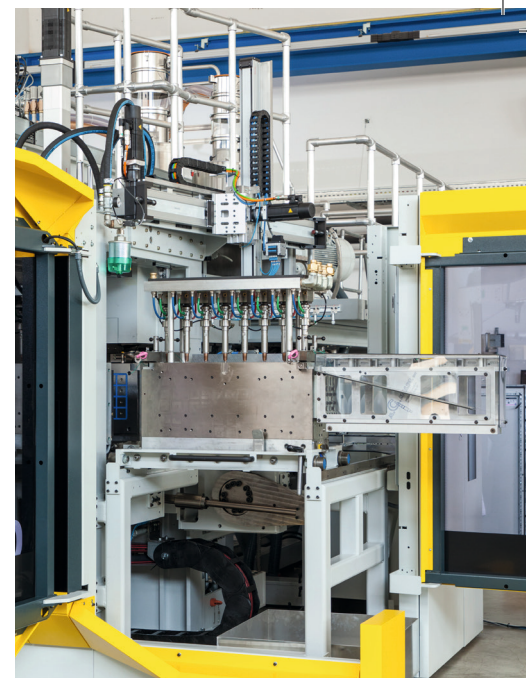
HiPEx 36D
High melt homogeneity and energy savings up to 20 %

Bekum Control 8.0
Intuitive user interface and mobile hand operation device

Focus on the Future

Concept 808

The concept machine shows which new and exclusive features future Bekum blow moulding machines might have.



Magnetic quick-change system

New Machine Design

- More functionality and improved ergonomics
- Large, slightly tinted pane
- Generously dimensioned safety doors and fully openable machine corners
- Built-in colour-variable LED signal lights that displays the operating status

Magnetic Quick Change System for Mould and Blow Pins

- Exclusively available from Bekum magnetic quick change system for mould and blow pins in 15 minutes per clamping unit - without tools
- Mould removal by means of integrated roller table to the machine front side, requires only a small amount of space
- A special mould cart is not required
- Without centering of the blow pins
- Easy adaptation of existing blow moulds

HiPEX 36D - More Powerful Extruder

- Completely new generation of extruders HiPEX 36 (High Performance Extruder 36D)
- Very high process stability, high maximum throughput and very good melt homogeneity
- Significant energy savings of up to 20 %
- Energy efficiency through directly driven gearboxes and new high efficiency IE5 extruder motors
- Good color mixing in the melt, as well as low melt temperatures
- Amortisation in < 1 year

Exclusive Clamping Unit

- Patented C-frame clamping unit
- Symmetrical clamping force distribution with almost 100 % clamping plate parallelism
- Slamping drive allows beneficial short clamping build-up time
- Technically demanding plastics such as PP, PC and PET achieve excellent punching results
- Carriage, punching and extruder pitch movement via electromechanical drives

Bekum Control 8.0

- New machine control eases operation of the machine
- Intuitive user interface, fast fault detection
- Industry 4.0 ready, intelligent data analysis
- Clear and up-to-date information overview in an individually configurable dashboard
- Visualisation of throughput values and energy consumption
- Generously dimensioned in portrait format 24" full HD touch screen control unit
- Hand operating device for quick setup

Bekum Extrusion Heads

- Spiral mandrel extrusion heads in single-layer or multi-layer technology
- High melt and temperature homogeneity
- Reproducible production results
- Short material and colour change times
- Uniform wall thickness 360° around the article
- Re grind (PCR) and fillers (chalk) can be superbly processed

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