

Benchmark for Blow Moulding Machines

The Production Programme at a glance!

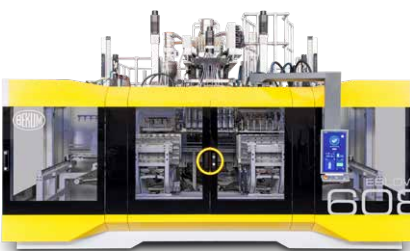


Small Packaging Machines - Clamping Forces from 60 to 120 kN

- Compact, fully electric small blow moulding machines built with Bekum quality
- Economical production for consumer packaging, cosmetics and pharmaceuticals
- Proven C-frame clamping unit and quick mould change
- Small footprint with good accessibility
- Highly efficient electric drives and highest precision from the 1st production shot
- High performance HiPEX 36D melt-homogenous extruder with -20% energy consumption
- Spiral mandrel extrusion heads in mono and 3-layer for PCR and fast colour changes
- Intuitive BC 8.0 control with AI monitoring for continuous article quality and highest machine availability
- Exceeds energy efficiency class 10 according to Europmap 46.1 (<0.26 kWh/kg) *depending on production configuration (demonstration value of fair production)
- Worldwide service – personal help-line, digital and on-site

Types:

EBLOW 208S/D
EBLOW 308S/D
EBLOW 408S/D



Packaging Machines - Clamping Forces from 200 to 500 kN

- Modern and functional machine design with generously sized access and viewing area with reduced footprint
- Patented C-frame clamping unit for outstanding platen parallelism and low wear on moulds
- All-electric e-Twin-Toggle clamping drive up to 500 kN with an unmatched bearing design for maximum service life
- Highly efficient electric drives enable precision from the 1st shot and very short dry cycle times
- Intuitive Bekum Control 8.0 control with AI monitoring for continuous article quality and highest line availability
- High-performance HiPEX 36D extruder with homogeneous melting and process stability with -20% energy consumption
- Modern simulation-supported spiral mandrel extrusion heads in mono and 3-layer for high melt and temperature homogeneity and short colour changes
- Quick mould change in less than 15 minutes per side
- Optional three-station take-off enables special cooling and correction of canisters up to 20 liters
- Energy efficiency class 10 according to Euromap 46.1
- Powerful, flexible and durable complete system from a single source for packaging, handle bottles -and canisters
- Worldwide service – personal help-line, digital and on-site

Types:

EBLOW 508S/D
EBLOW 608S/D
EBLOW 708S/D
EBLOW 808D
EBLOW 1008D
EBLOW 1208D

EBLOW 407D
EBLOW 407DL
EBLOW 707D
EBLOW 807D

HYBLOW 407D
HYBLOW 707/D



Industrial Packaging Machines - Clamping Forces from 350 to 3.000 kN

Types:

EBLOW 37
EBLOW 38S/D
XBLOW 50
XBLOW 100
XBLOW 200
XBLOW 300



- Flexible and modular industrial blow moulding systems with high accessibility and flexible production solutions for large canisters, drums and IBCs
- Unique hybrid electric clamping concept up to 3,000 kN, fast, energy-saving and with unique mould thickness variance (patent pending)
- Rapid stroke movement electrically and hydraulically. Hydraulic mould functions and accumulator heads driven by variable-speed hydraulic power unit.
- Can be equipped with bottom calibration, blowing and spreading blow pins, as well as horizontal and vertical parison transfer devices.
- Complete production solutions including moulds, robots, post-processing or post-cooling stations and material handling from a single source, i.e. for 220L ring drums.
- Intuitive Bekum Control 8.0 control with AI monitoring for continuous article quality and highest line availability
- High-performance HiPEX 36D extruder with homogeneous melting and process stability with -20% energy consumption
- Modern simulation-supported spiral mandrel extrusion heads, as accumulator head and continuous for mono to co-extrusion. Melt and temperature homogeneous with short colour change times
- Worldwide service – personal help-line, digital and on-site



Economic Line Machines - Clamping Forces from 170 to 330 kN

Types:

BM 506D
BM 704D
BA 25
BA 34.2 /D



- For food, cosmetic and agriculture packaging
- Quality and reliability at economic prices
- Proven and robust construction
- Compact design with control system BC 8.0
- Easy service and maintenance
- Minimal dry cycle time
- Discontinuous extrusion with bottom calibration
- Integrated take-out, punching and article turning device



3D Blow Moulding Machines - Clamping Force 100 kN

Types:

BAR 10D



- Flash free production of 3D parts e.g. filler pipe
- Minimal secondary process times for highest productivity
- 7-layer coextrusion - EVOH processing < 500 g/h
- Only one article take-out
- Compact construction for less floor space

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