



SBLOW 5 S/D

SmartLine – for lowest total cost
the most economical blow moulding series



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through new procurement
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-20 % energy cost
thanks to optimised drive
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-10 % resin cost
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With the SmartLine, Bekum opens the ideal entry into extrusion blow moulding technology. The completely newly developed, all-electric machine series is the perfect choice for cost-conscious producers looking to use their first Bekum blow moulding machine.

Smart benefits of the new machine series

- Designed for lowest total cost through significantly reduced investment volume
- -30 % investment through new procurement and manufacturing concepts
- -20 % energy cost thanks to optimised drive technology and energy-efficient HiPEX extruders
- -10 % resin cost through precise process control and efficient material usage
- 100 % Bekum, 100 % quality, 100 % service
- Low-maintenance design

Bekum extrusion heads

- Bekum extrusion heads in single or three-layer technology
- High melt and temperature homogeneity
- Reproducible production results
- Short material and colour change times
- Uniform wall thickness across the entire container circumference
- Excellent processing of regrind (PCR) and fillers (chalk combinations)

HiPEX 36D – high-performance extruders

- Newly developed HiPEX 36D extruder generation
- Outstanding process stability, high maximum throughput, and excellent melt homogeneity
- Significant 20 % energy savings
- Energy efficiency through direct-drive gearboxes and new IE5 extruder motors with high efficiency
- Excellent colour mixing in the melt and low melt temperatures
- Fast amortisation in less than 1 year

Bekum Control 8.0

- New machine control simplifies operation
- Intuitive user interface, fast troubleshooting
- Large 24" Full-HD touchscreen in portrait format
- Clear, up-to-date information overview in a customisable dashboard
- Visualisation of throughput and energy consumption
- Intelligent data evaluation, Industry 4.0 ready

Smart clamping unit

- Driven by precise swivel drive instead of conventional electric motor
- High accuracy in every movement
- Extruder carriage movement via electromechanical drive
- Manual mould thickness and clamping force adjustment with sensory monitoring
- Pneumatic deflashing unit
- Single-station with side take-out
- Double-station with linear take-out using customised gripper, placing articles on a cross conveyor

Modern machine design

- Functionality combined with ergonomics in a modern industrial design
- Generous access and viewing areas
- Compact footprint, fits into a standard container without dismantling
- Equipped with LED signal light indicating machine status



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