

The ESB logo is displayed in a large, white, italicized sans-serif font. It is positioned in the upper right area of the page, overlaid on a background image of a printed circuit board (PCB) with various electronic components and gold-colored traces.

ESB

Engineering Solutions Baschin

SOLVENT WASHOUT PROCESSOR



BAEP

Engineering Solutions Baschin GmbH
Die Reihe 11
31737 Rinteln
Germany

www.equipment-sb.com

BÆP



BÆ P – Uncompromisingly fast washout

The BÆ washout system represents a new benchmark in efficiency and precision. The combination of round and flat brushes ensures fast and thorough washout results for all plate types and thicknesses – with no compromises in quality or speed.

The separation of the pre-wash zone from the main wash area effectively prevents LAMS particles from being carried into the main solvent. This keeps the system clean and ensures consistently high plate quality.

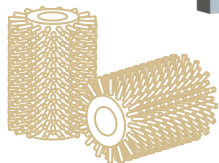
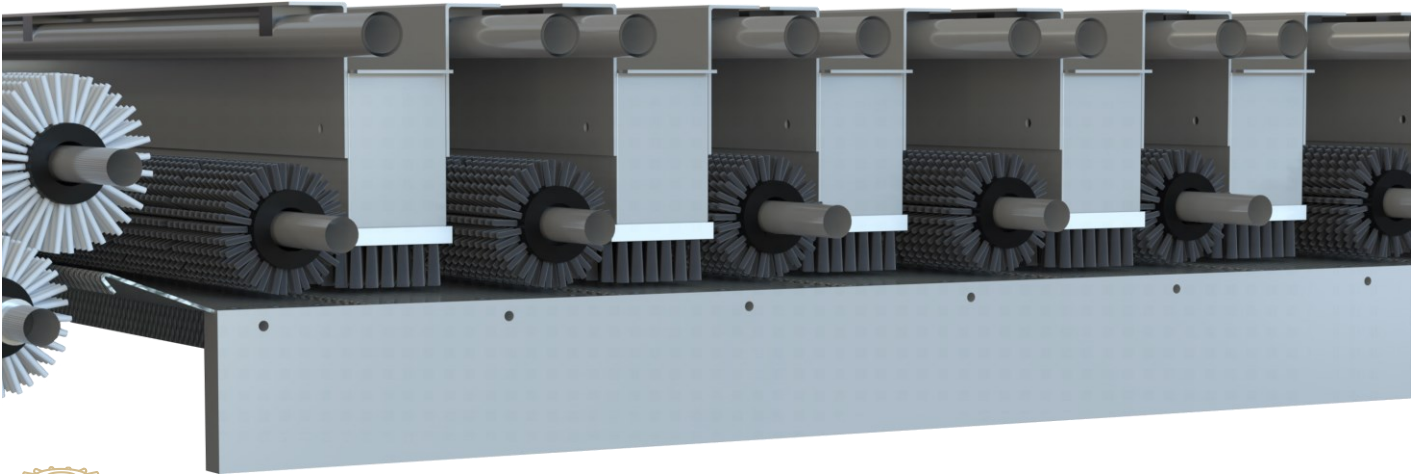
The BÆ Processor is available as a standalone washout unit and can be expanded at any time – for example, with an automatic dryer or into a complete inline system including a light finisher and stacker. This gives you flexibility in your investment planning and allows you to gradually develop your system into a fully automated production line.

Maximum uptime is ensured by integrated remote monitoring and diagnostics systems. They enable fast remote access for analysis and support – minimizing downtime, optimizing maintenance processes, and ensuring long-term operational reliability.

BÆ P-AD The smart entry into automated production

The new BÆ P-AD (Processor + Automatic Dryer) offers the perfect starting point for semi-automated production: a compact solution that combines a high-performance washout unit with an automatic dryer.

The automatic dryer impresses with fast preheating of the drying drawers and precise temperature control, ensuring consistent and reliable results. A separate heat regulation for every two drawers allows flexible adjustment to a wide range of requirements, while the programmable shut-off function contributes to efficient energy use.



Individually tailored brush management

As a technology partner, we enable the customized adjustment of brushes to the specific process and plate type. This creates a tailored solution that ensures optimal results with maximum efficiency.

Maximum efficiency through the innovative washout process

The innovative washout principle ensures the fastest wash time, even for thick plates. Thanks to optimized processes and precise control, cleaning times are minimized without compromising on quality or print design. This allows you to achieve perfect results quickly and reliably – tailored to your specific application.

Equipment Service Baschin

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31737 Rinteln
Germany

www.equip

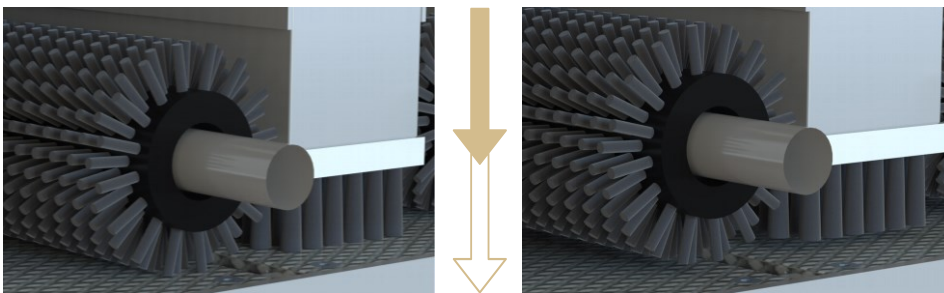
Precise oscillation control of round and flat brushes

The innovative oscillation control enables independent adjustment of oscillation for each brush pair – providing maximum process flexibility and optimal customization to individual requirements in plate production. By precisely controlling the brush movement, the washout process can be finely tuned to various plate types.

The result: reproducible quality with high efficiency in the production process.

Adaptive pressure management

Maximum precision with adaptive pressure management. Each brush individually adjusts to the plate thickness, applying the optimal pressure to the printing plate. This ensures optimal washout results, maximum efficiency, and consistently high quality – regardless of plate thickness or relief.



Optional integrated punch system

An integrated punch system is available as an alternative to an external punch. It seamlessly integrates into the workflow, requires no additional space, and enables convenient punching directly at the machine – perfect for an efficient production environment.

Efficient solvent management

The solvent management system allows for precise, individualized adjustment of the solvent amount for each brush, tailored to the actual requirements – ensuring maximum efficiency and optimal washout results.

By directly heating and cooling the solvent, without a secondary water circuit, rapid and stable temperature control is achieved, while minimizing energy consumption and maintenance efforts.

Benefit from the smart solvent management that combines quality, cost-effectiveness, and sustainability.

LAMS Protection

The BAE-LAMS-Protection effectively prevents the transfer of LAMS masking particles from the pre-wash area. This protects the machine from contamination and helps keep the process solvent fresher for longer. The result: consistently high process reliability, consistently excellent printing plate quality, and significantly reduced cleaning and maintenance efforts.

A comprehensive clean solution – for maximum efficiency and availability of your BAE washout unit.

BAE P-I Fully automated inline system at the highest level



The full-inline version BAE P-I combines all critical process steps in a seamless solution: washout, drying, and light finishing – fully automated and space-saving in one line.

The powerful BAE Processor, equipped with an automatic dryer, a light finisher, and an integrated stacker, is designed for flexible processing of various plate types. The system ensures maximum process reliability, reproducible results, and consistently high quality.

By fully integrating the processing steps inline, manual tasks are greatly minimized, resulting in a substantial boost in production efficiency – all in a compact, reliable, and future-ready solution.

Full control – anytime

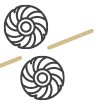
Remote monitoring and diagnostics provide quick and efficient maintenance, allowing for prompt resolution of issues, thereby minimizing downtime and ensuring uninterrupted operation.



Pre-Wash with anti-LAMS-carryover



Main-Wash area with round and flat brushes



Newly optimized Wiping area

Technical Specifications – BÆ Solvent Washout-Processor

- | | |
|---|--|
|  Plate thickness
up to 7mm 0.276 inch |  Electrical connection
400V 3PH/N/PE 50/60Hz
230V 3PH/PE 50/60Hz |
|  Plate size
132 x 203 cm 52 x 80 inch | |
|  Compressed air
min. 6 bar |  Solvent
min. operating solvent: 134 L
max. operating solvent: 170 L |
|  Exhaust air output
Ø 140 mm 500 m³/h | max. fresh solvent tank: 16 L
max. used solvent tank: 190 L |
|  Remote Access
included as standard | solvent supply: Ø 16 mm |



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