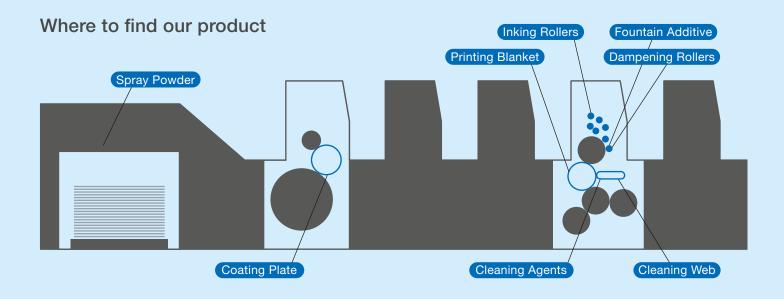
Boost your **Commercial Print** Production



Your Success is our Goal



These are exciting times in the world of commercial printing as the competition against the world of digital media is further increasing and consumers are demanding more sustainably produced products. The daily challenges are short runs, reduced lead times and the expectation to combine the high quality of offset printing with the flexibility of digital. Quality and efficiency is what counts at the end of the day. In the race to boost overall equipment effectiveness and decrease environmental impact, Böttcher focuses on three levers to support you in reaching your goals: Productivity, Quality and Sustainability.



About us

With our product portfolio of materials required for producing environmentally friendly and economically attractive print products, Böttcher stands out as the global partner to the printing industry. With printing rollers, blankets and chemicals, Böttcher products make a valuable and sustainable contribution to increasing the efficiency of your printing press and the quality of your printed products.

Böttcher looks back on almost 300 years of manufacturing experience and innovation, coupled with a global presence. With printers, converters and machine manufacturers we develop with the help of our in-house R&D department what is needed to be ready for the future.

Boost your **Productivity**



by minimizing downtime for cleaning

- With Böttcher Easy Cleaning System (ECS) inking rollers, our highly effective washes and remarkably absorbent Böttcher cleaning webs
- With Böttcher printing blankets offering quick and easy cleaning or extended cleaning intervals and products which specifically cure picture-framing
- With hydrophilic coating plates/blankets virtually eliminating ink back-trapping with water-based varnishes



by keeping your press running at full speed

- With roller compounds specially designed to reduce streaks caused by any source of vibration
- With highly elastic rollers reducing heat build-up during the run
- With printing blankets whose unique compressible layer technology minimizes cylinder bounce related streaks and whose surface ensures quick release of lightweight substrates
- With low micro-hardness strippable rubber coating plates compensating anilox roller vibrations



by reducing make ready time

 With easy cleaning inking rollers and dedicated dampening rollers – in combination with Böttcher fountain additives – rapidly providing a stable ink / water balance throughout the run



by getting longer life out of your materials

- With roller compounds developed in our own laboratories offering high compatibility with the chemical and physical environment they are running in
- With printing blankets offering exceptional mechanical and chemical resistance, particularly in mixed-mode and UV applications
- With strippable coating plates/blankets delaying stencil lifting with water-based varnishes and delamination with aggressive UV-varnishes and optimizing reusability
- With engravable coating plates for effect coating incorporating unequalled resistance to abrasion



Boost your Quality

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by maintaining color stability and image quality throughout the run

- With rollers with high chemical resistance and excellent dynamics, maintaining their dimensional stability so that nip pressure remains constant
- With cool running printing blankets facilitating ink/water-balance stability and minimizing paper dust build up
- With fountain additives designed to create a stable ink/water emulsion



by reducing dot gain

- With inking and dampening rollers in combination with fountain additives providing low and stable dot gain throughout the run
- With printing blankets combining a smooth surface finish and high micro-hardness maintaining dot gain readings within international standards independently of ink systems (conv., mixed-mode, UV)



by optimizing solid ink densities & varnish transfer

- With printing blankets with defined surface roughness and micro-hardness printing full dots as well as dense and even solids
- With rubber coating plates/blankets offering high volume varnish transfer and gloss readings
- With optimized dampening rollers and fountain additives avoiding ghosting in solids



by minimizing stock delamination/picking

- With printing blankets with defined surface roughness and exceptional chemical resistance which facilitate both mechanical and chemical release
- With dampening rollers and fountain additives minimizing water film thickness and thus avoiding degradation of the paper coating





Boost your Sustainability



by reducing product consumption

- With dedicated dampening rollers and special fountain additives allowing IPA-free printing
- With long lasting roller compounds reducing roller consumption
- With printing blankets and coating plates/ blankets which maximize product lifespan while minimizing wash and cleaning web consumption



by protecting operator health

- With products free of butyl glycol and with low VOC emission levels
- With products in accordance with REACH regulations

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by cutting start-up waste

- With rollers, printing blankets and coating plates/blankets of superior longevity minimizing machine stops for product changes during the print run and thus reducing start-up waste
- With printing blankets and coating plates/ blankets affording extended cleaning intervals and eliminating start-up waste generated by extra press stops for cleaning
- With the perfect emulsification properties of our washes minimizing greasy residues on the blankets and reducing start-up waste after cleaning

Our Product Offering



Inking and Dampening Rollers

Böttcher inking rollers for conventional, and UV-inks as well as advanced rollers with Easy Cleaning properties and improved longevity. Böttcher dampening rollers for all applications, also for IPA-reduced and IPA-free printing.

Cleaning Agents

Böttcher washes are specifically designed for the use in all types of automatic washing units. They offer strong cleaning action and outstanding reliability. These products have been tested and approved by press manufacturers.



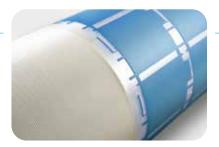


Coating Plates and Blankets

Böttcher coating plates and blankets for water-based and UV varnishes are designed to produce printed sheets in a highly productive, sustainable and user-friendly way while achieving the desired functional and aesthetic properties.



Böttcher printing blankets for all kinds of offset processes, substrates and inks offer sharp and well-defined dots, crisp halftones and full and uniform solids while incorporating many other parameters to optimize productivity and sustainability.





Fountain Additive

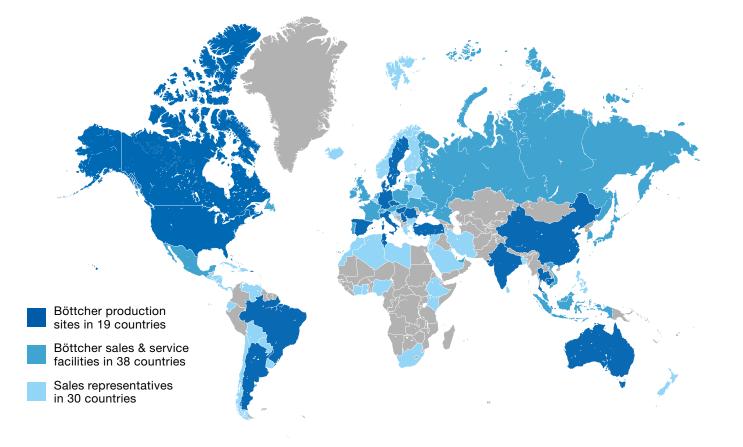
Based on the wealth of experience accumulated in dampening roller development, we have introduced our own range of fountain additives. These fountain additives are adapted for use with different materials in the press (ink, plates, substrates) and meet the specifications of press manufacturers.

Printing Aids

Böttcher offer a wide range of pressroom chemicals and printing aids such as special cleaning and maintenance pastes for rollers or a series of spray powders.



Your **Global Partner** just around the Corner





Whatever you print, we can develop a tailored solution based on your needs. Reach out to our Value Engineers.



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