

Boost your **Folding Carton** Production

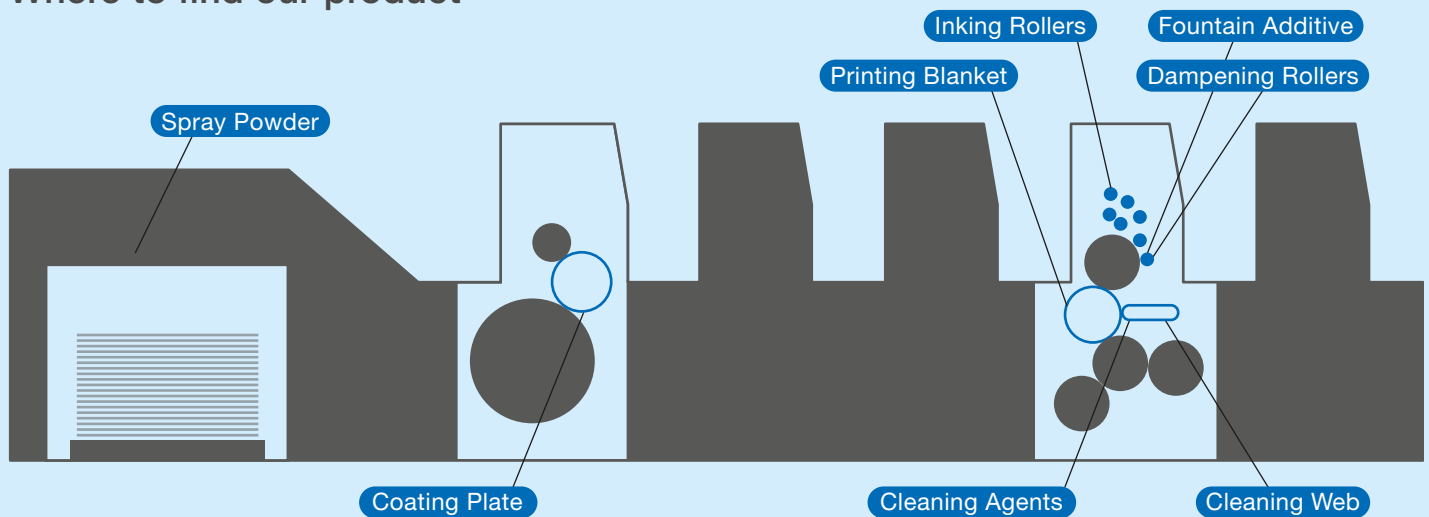


Your Success is our Goal



These are exciting times in the world of carton packaging. Recognized as providing immense value in preserving, protecting and increasing brand awareness for goods of all kinds, carton packaging is also facing the challenges of increased environmental focus and competition of other substrates. In the race to boost overall equipment effectiveness while decreasing the environmental impact, Böttcher focuses on three levers to support you in reaching your goals: Productivity, Quality and Sustainability.

Where to find our product



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, sleeves, blankets, coating plates/blankets and chemicals, Böttcher products make a valuable and sustainable contribution to increase 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 eliminate 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 rollers of excellent dynamic characteristics reducing heat build-up during the run
- With printing blankets whose unique compressible layer technology minimizes cylinder bounce related streaks
- With low micro-hardness strippable rubber coating plates compensating anilox roller vibrations
- With functional fountain additives, combined with high performance dampening rollers enabling trouble-free printing, even at full press speed



by reducing make ready time

- With ECS inking rollers and dedicated dampening rollers – in combination with Böttcher fountain additives – rapidly providing a stable ink / water balance and maintaining it 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 ultimately optimizing reusability
- With engravable coating plates for effect coating incorporating unequalled resistance to abrasion



Boost your **Quality**



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 Böttcher 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 ECS roller compounds and highly effective washes reducing your wash consumption
- With dedicated dampening rollers and special fountain additives allowing IPA-free printing
- With long lasting rubber and PU roller compounds reducing your 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 in accordance with REACH regulations
- With products free of butyl glycol and with low VOC emission levels



by cutting start-up waste

- With ECS inking rollers and high-performance dampening rollers, along with special fountain solutions to achieve a fast and stable ink/water balance
- With rollers, printing blankets and coating plates/blankets offering superior longevity and 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



by ensuring consumer protection

- With Böttcher products enabling the printer to meet the demands of the EC 1935/2004 regulation with their printing products in food packaging

Our Product Offering



Inking and Dampening Rollers

Böttcher inking and dampening rollers for conventional, mixed and UV-inks as well as advanced rollers with ECS-properties and improved longevity and enhanced dampening performance.

Cleaning Agents

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



Printing Blankets

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.

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.



Fountain Additive

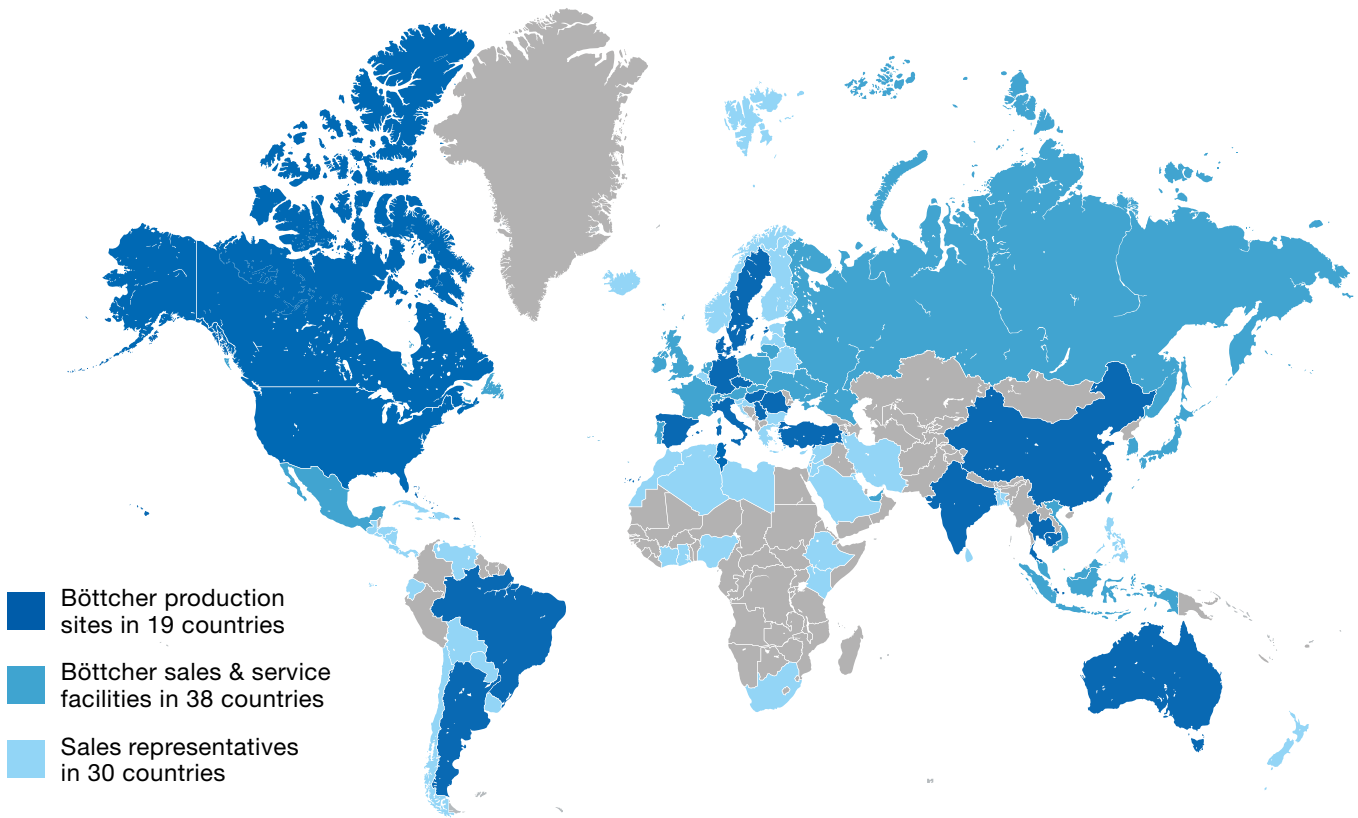
Based on the wealth of experience in dampening roller development, we have introduced our own series of fountain additives. These fountain additives are adapted for use with different materials in the press (ink, plates, substrates) and meet the specifications of press manufacturers.

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 powder.



Your **Global Partner** just around the Corner



Healthcare



Cosmetics



Beverages



Household



Food



Electronics



Tobacco



Displays

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

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