

Boost your **Beverage Can** Production

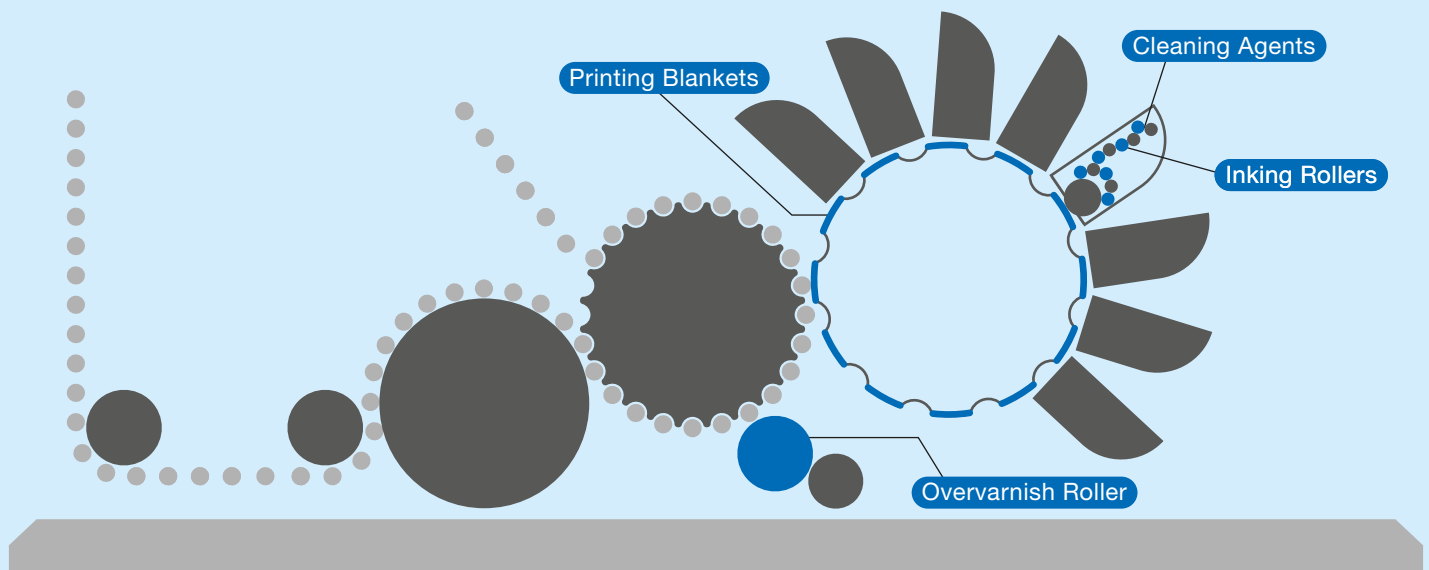


Your Success is our Goal



Packaging plays a crucial role in the beverage industry. It not only serves to protect and market products but is also at the center of the environmental debate. Canmakers face the challenge of minimizing the environmental impact and at the same time increasing the efficiency of the entire beverage can production process: Better use of resources through sustainable materials and processes, recyclability through reusable packaging solutions and reduced energy consumption for an environmentally friendly future. Böttcher focuses on productivity, quality and sustainability – three levers that support you in reaching your goals.

Where to find our product



About us

By providing the materials required to produce eco-friendly and economically attractive beverage cans, be it in the field of inking rollers, printing blankets or cleaning and maintenance solutions, Böttcher stands out as a global partner to beverage canmakers and equipment manufacturers alike.

Böttcher looks back on almost 300 years of manufacturing experience and innovation, coupled with a global presence. Together with our customers, ink and coating manufacturers and the companies who build canmaking machines, we develop with the help of our inhouse R&D department what is needed to be ready for the future.

Boost your **Productivity**



by reducing make-ready time

- With our rollers, you incur less maintenance time for changing the ink rollers due to their exceptional swelling resistance, making them last much longer
- With Böttcher Overvarnish Applicators, due to longer service life and our quick-change sleeve system
- With blankets specifically matched to the chemical characteristics of can decorating inks, thus reducing swell and the danger of ghosting, so that it is not necessary to change blankets as a routine part of a label change



by keeping your decorator running at full speed

- With roller compounds specially designed to reduce streaks caused by any source of vibration
- With rollers with excellent dynamic characteristics reducing heat build-up during the run, thus stabilizing ink transfer and reducing ink misting
- With Böttcher printing blankets – self-adhesive, with high peel and shear strength, which ensure excellent blanket stability on the cylinders and have a limited tendency to generate heat



by minimizing downtime for cleaning

- With Böttcher inking rollers which reduce and stabilize the ink temperature and viscosity – less ink misting equates to a higher yield and less cleaning time
- With Böttcher self-adhesive printing blankets, which leave no adhesive residue on the cylinder when removed and do not require time-consuming cleaning of blanket cylinders



by getting longer life out of your materials

- Fewer inking roller changes due to longer service life and no more unplanned downtime due to “exploding” rollers
- With special inking rollers designed to have a higher resistance to radial scoring/ “grooving”
- With a range of inking roller compounds, chemically matched to all can decorating inks and mechanically to all machine operating conditions
- With printing blankets with exceptional swell resistance backed up by resistance to premature lifting/blanket delamination, allowing multiple print jobs and designs to be printed, thereby significantly extending blanket life
- With efficient solutions for cleaning materials and surfaces without damaging them, at the same time reducing consumption and protecting both operators and the environment



Boost your **Quality**



by maintaining colour stability and print quality throughout the run

- With inking rollers with both extremely low swell rates and excellent dynamic properties therefore retain their dimensional stability so that the nip pressure remains constant and even across the width of the inker
- Our swell-resistant roller compounds stabilize ink transfer and viscosity and reduce colour variation. The result: Fewer HFI's, more saleable cans
- With printing blankets which run cooler and contribute to the viscosity stability of the ink and the consistency of the print quality throughout the run. Dot gain is lower and consistent, negative texts remain more open, positive texts are sharper



by optimizing solid ink densities and dot gain

- The lower inker temperature afforded by Böttcher rollers stabilizes the viscosity of the ink – less ink misting, better print quality and less dot gain/distortion for sharper and better-defined dots
- With printing blankets with defined surface roughness and micro-hardness, creating both open screens and dense and uniform solids



by maintaining a consistent overlap

- With highly compressible and swell-resistant printing blankets, which hardly lose any energy after the correct initial pressure setting of the can/blanket





Boost your **Sustainability**



by reducing product consumption

- With Böttcher inking rollers: Fewer roller changes and fewer roller deliveries due to longer roller service life
- Our inking rollers reduce heat development in the decorator and thus excessive ink consumption due to ink misting
- Less roller swelling reduces the torque required to operate the decorator, resulting in lower power consumption
- With self-adhesive printing blankets with no tendency for premature lifting from cylinders or blanket-adhesive delamination
- With Böttcher printing blankets which last longer and can be used for multiple print jobs – no need to change after each label
- With Böttcher products, fewer HFI's due to better and more consistent image quality



by cutting start-up waste

- With inking rollers and blankets, with outstanding durability, minimizing machine stops for product changes during the print run and the associated start-up waste



by protecting operator health

- With products that comply with REACH regulations
- With products that are free of butyl glycol and with low or no VOC emissions
- With cleaning solutions with a higher flash point which reduce VOC and evaporation levels and protect machine operators



by ensuring consumer protection

- With products that comply with REACH regulation
- With roller compounds that support BPA-free coating systems
- With Böttcher products that enable printers to meet the requirements of Regulation (EC) No. 1935/2004 with their printed products in food packaging

Our Product Offering

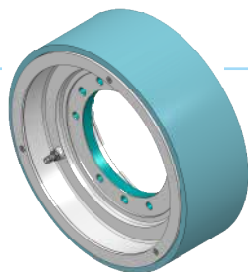


Inking Rollers

Böttcher has a complete product range for beverage can decorating. All materials are specially formulated to ensure optimum compatibility with the decorative inks. The result is higher quality and a longer service life for the inking rollers.

Printing Blankets

Exact dot reproduction, rich, even solids, exceptional swell resistance with metal decorating inks significantly reduces ghosting. Improved gauge consistency combined with enhanced compressibility affords more operating latitude – all these criteria are achieved with the help of Böttcher products.



Overvarnish Applicators

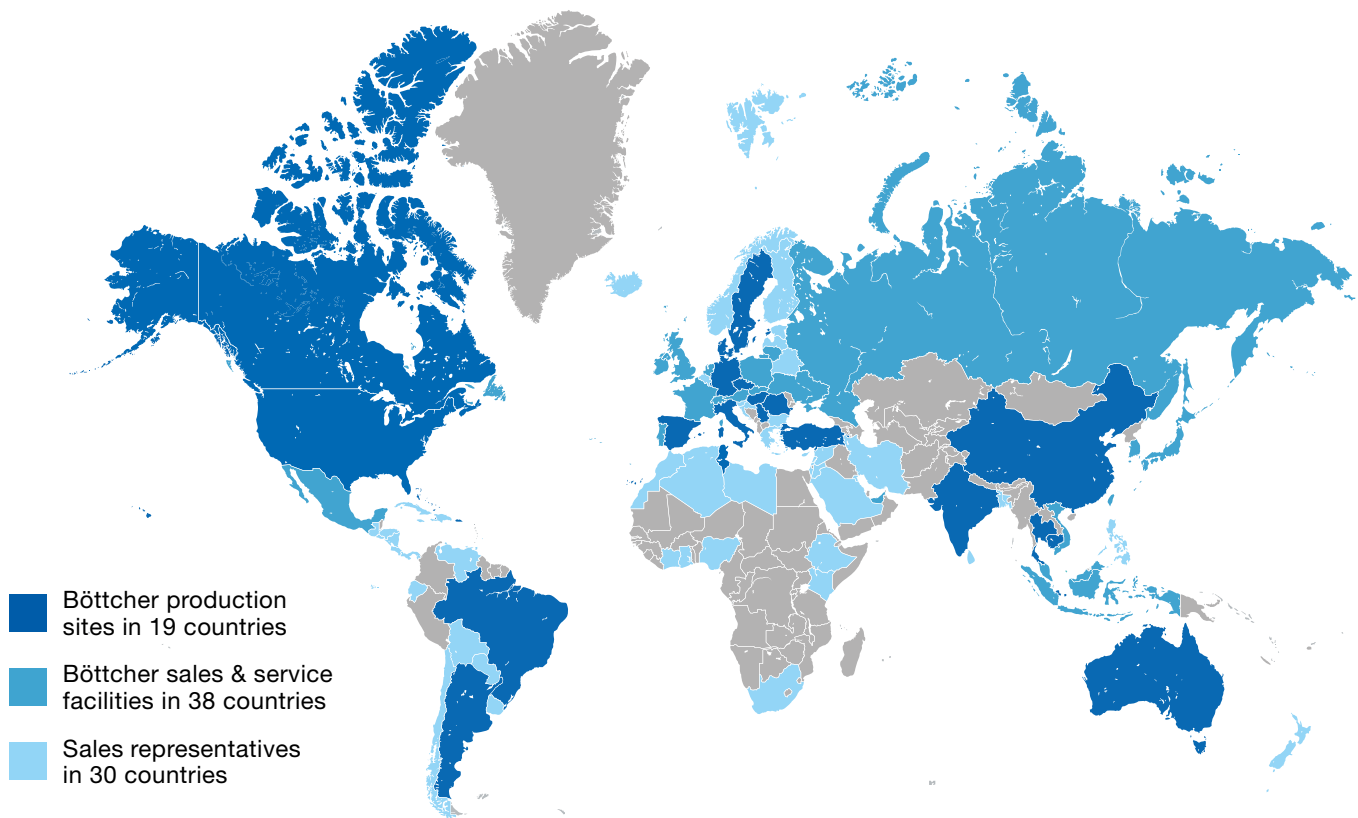
Böttcher Magicoat OV offers you high-end polyurethane compounds with very good swell and cutting resistance, excellent edge stability and top chemical resistance.

Cleaning Agents

Böttcher cleaning agents are specially designed for manual cleaning as well as automatic washing systems. They offer a strong cleaning effect and high reliability, reduce consumption and protect both the operator and the environment.



Your **Global Partner** just around the Corner



Beverage Cans



Aerosol Cans



Beverage Bottles



Cups

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

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