

A close-up photograph of a person's hand holding a red and orange flexible snack bag in a grocery store aisle. The background is blurred, showing other shelves and products. The hand is wearing a black watch. The overall scene is brightly lit, typical of a supermarket.

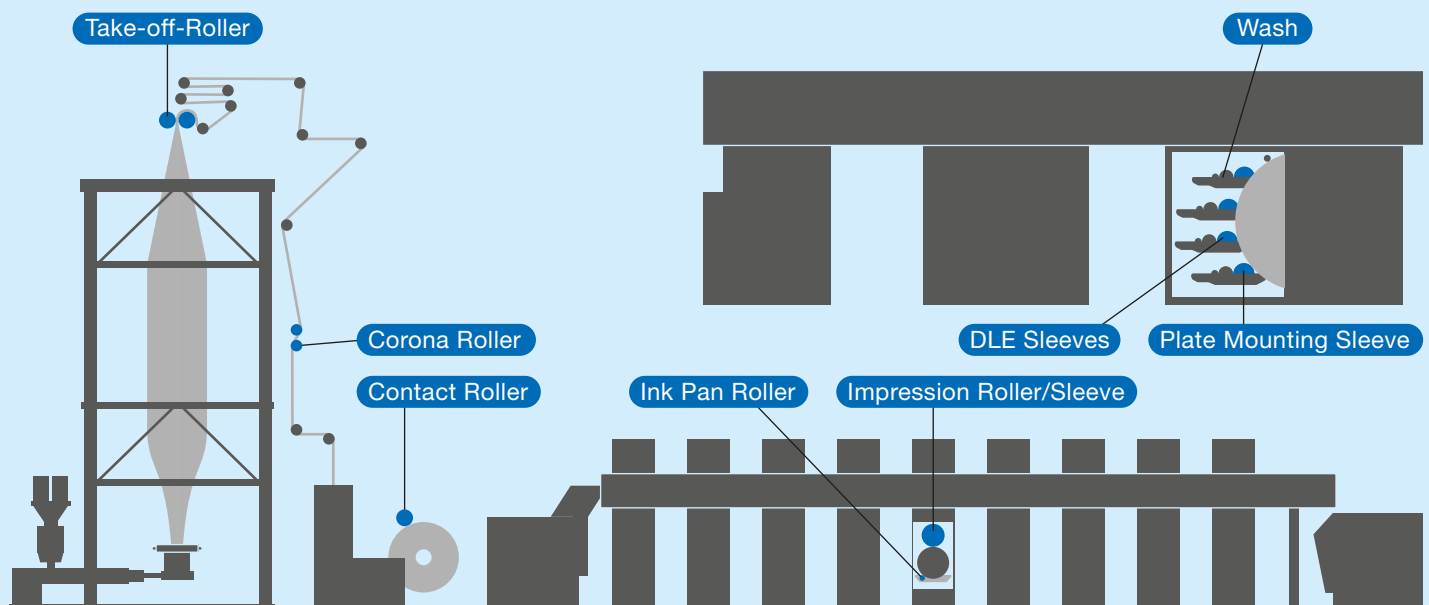
Boost your
Flexible Packaging
Production

Your Success is our Goal



These are exciting times in the world of flexible packaging. Recognized as providing immense value in preserving, protecting and increasing brand awareness for goods of all kinds, flexible packaging is also facing the challenges of an increased environmental focus and thus processing thinner or biodegradable substrates and using mono-layers. 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.

Where to find our product



About us

By providing the materials required to produce eco-friendly and economically attractive packaging materials, be it in the field of roller coverings, sleeves, cleaning and maintenance solutions, Böttcher stands out as a global partner to flexible packaging producers and converters alike.

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 inhouse R&D department what is needed to be ready for the future.

Boost your **Productivity**

Film Processing

by keeping your extrusion process stable at full speed over a long period of time

- With dimensionally stable take-off rollers that ensure constant flattening of the film without air leakage

Film Processing

by keeping your winding process stable

- With contact and feed rollers that are tailored to the material and specific requirements
- With soft rubber coverings and antistatic foam rubber coverings for reduced web tension on thin and sensitive films

Flexo

by raising production speed

- With reduced vibrations through a seamless print image by using DLE (direct laser engraving) ITR elastomer sleeves which also have no risk of plate lifts and allow more stable print runs due to high chemical and mechanical resistance

Flexo

by making handling easier

- With Böttcher CAMBIUM plate mounting sleeves that are developed with a light-weight construction and have a smooth surface for easy mounting and removal of the tape

Flexo

by minimizing downtime for cleaning

- Flexo cleaning products such as Böttcherin Solvento for solvent based and UV inks or Böttcherin Velvet for cleaning off water-based inks enable efficient cleaning of materials and surfaces without damaging them

Rotogravure

by stable conditions during the printing process

- ESA Sleeves and rollers with stable electrical values for high and long-lasting performance of the ESA system
- With rubber and polyurethane compounds providing high abrasion resistance

Rotogravure

by improved ink transfer to the format cylinder

- With our inking roller, a homogeneous ink transfer can be achieved
- The patented Böttcher laser profile on the surface does not affect the printed image

Lamination

by getting longer life out of your materials

- With rubber coverings that are tailored to the solvents used in solvent based adhesives and, if solvent-free, tailored to the typical cleaners
- With coatings for nip and counter-pressure rollers that are highly stable against markings caused by material web edges



Boost your **Quality**

Film Processing

by stable conditions in the film take-off during extrusion

- With coverings for take-off rollers with good release properties, constant film release and consistent material properties are achieved

Film Processing

by consistent winding results of a wide variety of materials

- With soft rubber coverings and antistatic foam rubber for the contact rollers, web tension is reduced and wrinkle-free winding is supported, even with thin, sensitive films
- With wear-resistant contact roller rubber coverings, a high level of dimensional stability is achieved even with abrasive films, which forms the basis for a uniform winding surface without telescoping

Flexo

by stable conditions during the print run

- Active 3D dot shape design by direct laser engraving creates stable dots and fine lines on elastomer plates and sleeves
- No dot gain due to the high chemical resistance of the plate material

Rotogravure

by reducing or eliminating missing dots

- With sleeves and roller coverings designed for the different ESA systems
- With a special inking roller which enables optimum filling of the cells of the format cylinder

Lamination

by homogeneous, bubble-free application of the laminating adhesive

- With dimensionally stable coverings on the format rollers, an even adhesive transfer is achieved across the format width and the application length
- With coverings on the nip rollers that enable a balanced ratio between nip width and surface pressure, constant and bubble-free laminate connections are achieved





Boost your **Sustainability**

Film Processing

by reduced roller consumption

- With wear-resistant roller coatings, markings caused by web edges are reduced, even on abrasive, wear-prone films
- With roller coverings that are tailored to the film type, the migration of additives from the film is reduced and attack on the roller surface is avoided
- With tear- and cut-resistant roller coverings, the life of the roller is extended, even if it is injured by knife blades when removing film wrappers

Flexo

by recovering and regrinding of sleeves

- With DLE elastomer sleeves that can be ground to a smaller print repeat or recovered
- With lower energy consumption for imaging vs. photopolymer
- With solvent free cleaning after the engraving of the image

Rotogravure

by reusing sleeves

- Impression sleeves can be ground to refresh the surface or recovered
- Local production enables short transport times for rollers and sleeves

Lamination

by reduced roller consumption

- With wear-resistant nip and counter-pressure rollers, the need to change rollers due to markings from web edges is reduced, even with frequent format changes

Our Product Offering



DLE Sleeves & plates

Böttcher Flexo compounds for flood coat printing as well as for Direct Laser Engraving (DLE) technology (CO₂, YAG, Diode laser). Fine structures can be engraved with a high engraving speed and excellent ink transfer.

Plate mounting sleeves

Böttcher CAMBIUM plate mounting sleeves are suitable for all common foam tapes and for photopolymer or elastomer plates. Their low weight allows for easy handling.



ESA sleeves and rollers

Rubber compounds in various hardnesses are suitable for all common ESA systems like core charge and top load. Constant electrical values ensure high performance over a long service life.

Inking rollers

Böttcher inking rollers for the commonly used inks in flexible packaging. The surface can be just ground or engraved with a special patented stochastic laser profile.



Cleaning Agents for flexo applications

Böttcher washes offer optimal cleaning actions and outstanding reliability. In addition to daily cleaning, special pastes enable intensive deep cleaning for optimum ink transfer.

Rollers for blown and cast film extrusion

Take-off and plate-out with good release properties as well as consistent results when laying the film flat lead to consistent results at a high level of quality.



Rollers for laminating

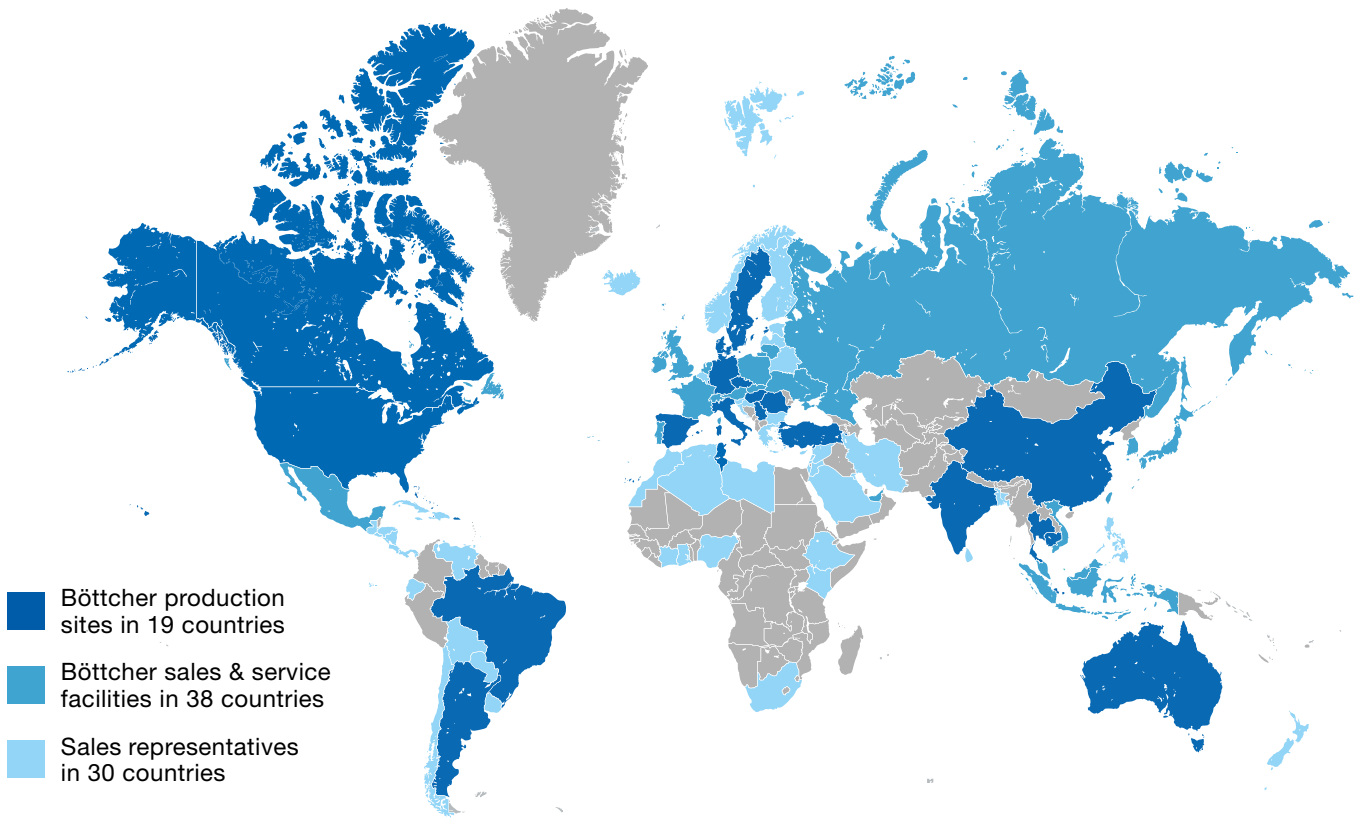
Transfer and coating rollers in solvent-free and solvent based lamination application units for a homogeneous, bubble-free adhesive transfer. Nip rollers with high dimensional stability for a consistent lamination result.

Rollers for winding and slitting

Contact and feed rollers tailored to the film type and thickness contribute to a high wrapping quality without wrinkles and a smooth wrapping surface. Roller coverings with high wear and cut resistance ensure high mileage.



Your **Global Partner** just around the Corner



Cosmetic



Pet food



Food



Cleaning products

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

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