

LOOKING FOR MORE THAN JUST A BEER LINE?

**THIS IS PERFORMANCE.
BOTTLED.**



*Performance
through
Understanding*

 **Sidel**



Responding to your customers' requirements, respecting your distributors' restrictions and withstanding pressure from your competitors is a delicate balancing act.

It requires a tool that works within a complex system. Buildings, utilities, processes, packaging equipment, logistics, data flows: they have to be harnessed and adaptable, whether for new packaging, an extended product range, etc.

From a merely technical point of view, there are numerous ways of managing this complexity. But the fact is that only specific solutions will really build your competitive advantage.

In order to boost your competitiveness, you must leverage your uniqueness to get the best from your assets.

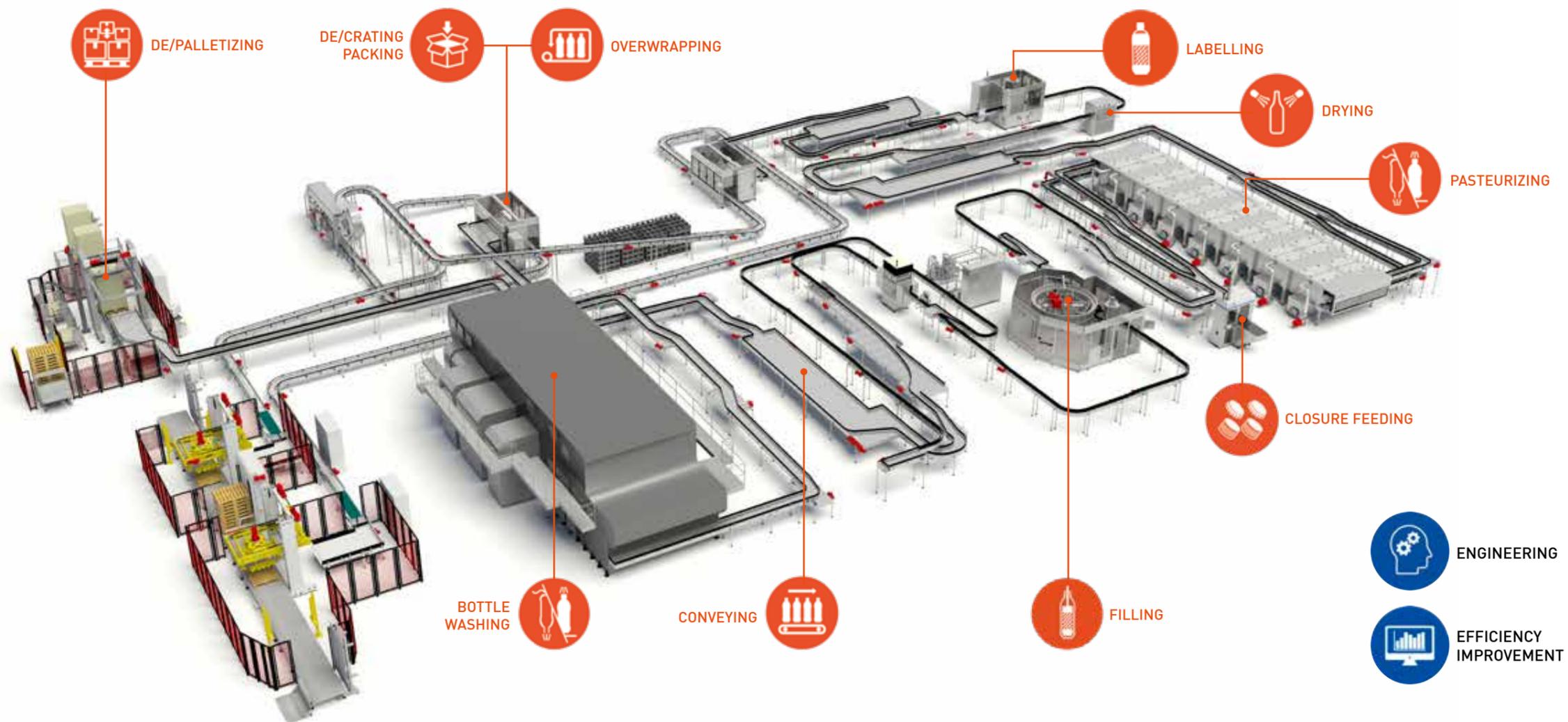
This is where our offering is unique.

Throughout our 50 years of partnership with the beer industry, we have developed a holistic understanding of everything that contributes to the level of performance you need to deliver.

It materializes through unique value creation capabilities offering full complementarity across the whole range of industry requirements: engineering services, line design, integration project management and equipment manufacturing.

And to make the most of what differentiates you, whilst taking your own restrictions into account, we constantly strive to initiate innovative reflection when developing your made-to-measure solution. To achieve this, our value proposition is based on leading-edge technology, disruptive concepts and human ingenuity.

Our goal: to design, build and maintain advanced performance throughout the entire lifecycle of your beer production assets.



APPLICATIONS

Our full capabilities apply to all container type (metal cans, glass and PET bottles) in any type of secondary packaging type (plastic film, cardboard, plastic crates)



BOOST YOUR PERFORMANCE WITH OUR COMPREHENSIVE OFFERING OF FUTURE-PROOF EQUIPMENT

ADAPTABLE AND PERFORMANCE DRIVEN, WHEREVER YOU ARE

We pay a particular attention to the quality and attractiveness of your products. This is why our equipment are designed to ensure the hygiene and organoleptic properties of your beers and the integrity of your containers for an optimal consumer experience.

And because you have to be very responsive to fast changing consumption trends, our machines are able to deliver advanced performance whilst being agile and future-proof to easily adapt to new production patterns or technologies.



FILLING

- Cans, Glass and PET bottles; Beer, carbonated and still beverages
- Mechanical and electro-pneumatic filling
- From medium to high speeds



CONTAINER AND PRODUCT TREATMENT

- **Crate washing**
 - Plastic crates
 - Single or double tunnel crate washing
 - From 1,000 to 6,000 crates / hour
- **Bottle washing**
 - Glass and PET bottles
 - Bottle washing, label extraction
 - Up to 120,000 bottles / hour
- **Pasteurizing**
 - Beer, soft drinks, juices, sport drinks, isotonic, teas
 - Pasteurizing, cooling, warming
 - From medium to high speeds

EVOFILL CAN

Coming in 2018: Sidel EvoFILL Can raises the bar at all levels! It offers a greater flexibility for a wider range of cans and filling temperatures, and improved hygiene for the filling of high quality beverages such as flash pasteurized beer. It drastically reduces CO2 consumption and ensures performance with a very high filling accuracy, even at high speeds up to 2,000 cans per minute.

SWING®

SWING® pasteurizer delivers the best performance without compromising on product quality. It offers the most precise thermal treatment along with the best energy efficiency on the market - outperforming its nearest competitor by 30% - in a smart and ergonomic equipment.

BEER IN PET

Considering shifting to PET? We are the leader in barrier technologies for beer PET bottles with Actis™ plasma coating solution.

LABELLING

Our comprehensive equipment offering is complemented by the Sidel new EvoDECO labelling solutions. Launched in 2018, EvoDECO is a breakthrough all-in-one machine offering customers total flexibility to fulfill any need. With 30% faster changeovers, you can easily and quickly switch labelling technologies from high-performance cold glue, Pressure Sensitive Labels, or roll-fed, to hot-glue modules. EvoDECO also combines high efficiency and output with low Total Cost of Ownership, ensuring 40% less electrical consumption and maintenance time.



CLOSURE HANDLING

- Metal crowns, metal caps, plastic flat and sport caps
- Cap and crown conveying, storage, orientation, control and feeding
- From low speed to 120,000 closures / hour

GEBO OPTIFEED®

Free your mind on your crown and cap feeding thanks to Gebo OptiFeed®, delivering optimum reliability even at high speed. Gebo OptiFeed® is a 4-in-1 solution combining storage, orientation, elevation, and embedding advanced control systems for a full crown/cap compliance at capper infeed.



DRYING

- Metal cans, glass and PET bottles, round and shaped
- Drying of bottle body and neck, can body
- Speed according to container type



CONVEYING

- Empty or full containers, packs, cases, crates, kegs, pallets
- Transport, laning, combining, accumulation, orientation
- Up to 160,000 containers / hour



OVERWRAPPING

- Shrink pack, Film + pad, Film + tray, Tray
- Seamless shrink-wrapping, Tray packing
- From low to high speeds



DE/CRATING PACKING

- **De/Crating**
 - Plastic crates
 - Robotic de/crating, automatic crate magazine
 - From medium to high speeds
- **Packing**
 - RSC cases, Tray, Wrap around, Tray + hood
 - Case erecting, Closing, Loading, Automatic magazine loading
 - From low to high speeds



DE/PALLETIZING

- Loose bottles or cans, crates, kegs, cartons, shrink packs
- Cartesian or robotic layer preparation, layer by layer, robotic, or columnar palletizing
- From low speed up to 12 layers / minute

INTRALOGISTICS

Thanks to our partnership with BA Systèmes, an expert in intralogistics systems, we are able to propose complete solutions for your end of line up to your loading bays, encompassing fork over legs, counterbalanced and motorised conveyors AGVs, and AGV supervision system.

Options and upgrades

- From the beginning, our equipment facilitates ongoing changes with package dependent parts designed for easy replacement.
- We constantly update our options and upgrades catalogue to provide the latest technological developments on your installed base.

Spare parts & logistics

- **Dedicated 24/7 supply chain**
- **Three delivery service levels**
 - Emergency: for the fastest delivery possible.
 - Stock replenishment: for efficient delivery of parts on the date of your choice, wherever you are.
 - Maintenance: for complete delivery of everything you need for maintenance prior to scheduled activities.

Modular maintenance agreements

- **Time & Material Maintenance agreement**
 - 24/7 hotline assistance and worldwide delivery of spare parts, whether scheduled or emergency
 - On-site Maintenance Supervisor to manage all line maintenance
 - Maintenance by a skilled onsite team
- **Fixed Price agreement**
 - Proper scheduling and execution of preventive and corrective maintenance by dedicated Sidel team
 - 24/7 hotline assistance and worldwide delivery of spare parts, whether scheduled or emergency
 - On-site maintenance supervisor managing all line maintenance
 - Dedicated Customer Care Manager
 - Periodic diagnostic visits
 - Emergency troubleshooting
 - Technical visits
 - Remote access



ENGINEERING

CHOOSE CREATIVE DESIGN FOR OPTIMIZED TAILORED SOLUTIONS

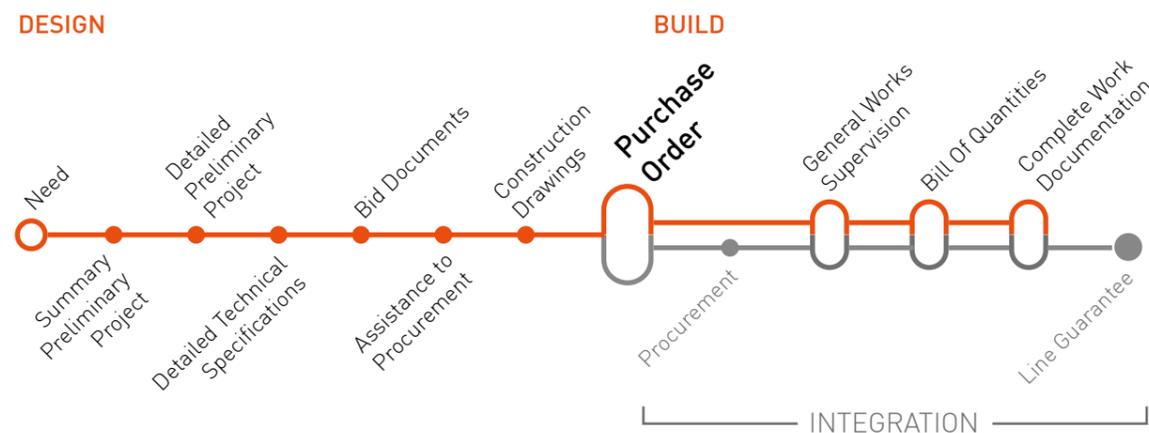
We deliver solutions that are both innovative and customized. Customized because they are based on an in-depth analysis of your objectives and your business. Innovative because they transcend the conventional framework to invent new models and capitalize on new technologies.

To achieve this, we combine our expertise in packaging line engineering with a permanent techno-watch and rational approach:

- First we assess how your existing resources can be improved via an in-depth audit or training programs so as to limit or delay investment.

- You need to invest? We seek to deliver the best match between capital and operating expenditures, for an ideal combination of optimized production patterns, a functional and ergonomic layout, and judicious selection of technology and equipment.
- To target excellence for your production assets, we look at future developments in your markets and products, designing solutions that promote flexibility and openness to future technologies.

Engineering expertise all along the line



EFFICIENCY IMPROVEMENT

SECURE THE PERFORMANCE OF YOUR ASSETS, FROM START-UP TO CONTINUOUS IMPROVEMENT

Skilled teams for a vertical start-up

- Skill matrix assessment method
- Training at your place or our sites, including our 8 worldwide training centers
- Blended learning
- Our training programs encompass:
 - Basic to advanced training on all equipment for operators and maintenance personnel
 - Packaging line design and optimization
 - Custom programs based on your needs

Efficiency Improvement Tool (EIT®): for harnessed performance

- Automated data acquisition and real-time monitoring of line parameters: performance, accumulation, consumptions...
- Operational and actionable information at all levels
- From day-to-day operations to business decision making
- User-friendly modular and scalable suite

360° audit range for quick efficiency boosts

- Desk audit: theoretical approach to estimate the impacts of line concepts on efficiency
- Spot audit: targeted approach to improve line performances and operations
- Full audit: global diagnostic in relation with upgrade projects to optimize the line: output targets, efficiency targets, new SKUs
- Remote audit: regular line performance monitoring and continuous improvement using EIT® or Equipment Smart Monitoring (ESM)
- ECO audit: analysis of performances and footprints to optimize energy and fluid consumptions
- Shock and pressure audits: diagnostic of packaging quality and integrity to minimize damages (shocks, breakage, label damage, scuffing) and improve line control
- Packaging index survey: root-cause diagnosis to improve packaging integrity

Sidel is a leading provider of equipment and services solutions for packaging beverage, food, home and personal care products in PET, can, glass and other materials.

With over 40,000 machines installed in more than 190 countries, we have nearly 170 years of proven experience, with a strong focus on the factory of tomorrow with advanced systems, line engineering and innovation. Our 5,500+ employees worldwide are passionate about providing solutions that fulfil customer needs and boost the **performance** of their lines, products and businesses.

Delivering this level of performance requires that we stay flexible. We continuously ensure we **understand** our customers' changing challenges and commit to meeting their unique performance and sustainability goals. We do this through dialogue and by understanding the needs of their markets, production and value chains. In turn, we apply our solid technical knowledge and smart data analytics to ensure lifetime productivity reaches its full potential.

We call it **Performance through Understanding**.

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