

BEER MARKET

COMPLETE LINE IS A COMPLETE SOLUTION



PET



CAN



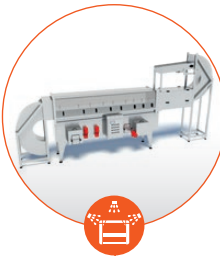
GLASS



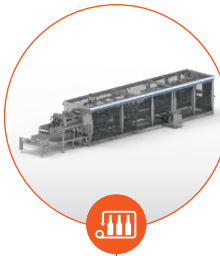
*Performance
through
Understanding*

 **Sidel**

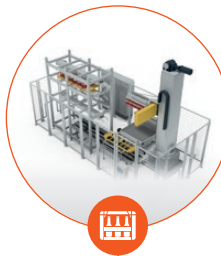
GLASS SOLUTIONS



- Crate washing**
CRATE WASHER
- High efficiency washing solutions offering energy saving and optimized operability
 - Up to 6,000 crates per hour
 - Available in 1 or 2-tunnel configurations



- Wrap Around Packing**
VERSAWRAP
- Continuous wrap around case packer delivering a 98% efficiency with 9 servo-motors
 - High-speed: up to 65 cycles per minute
 - 2-step blank destacking process for high reliability



- Crating**
INCAROBOT AUTOMATIC CRATER
- Automatic crater designed for glass bottling lines with rapid format changeovers
 - Bottle handling thanks to individual pneumatic grippers, adapted to various sizes of crates
 - Movements controlled by selfbraking brushless motors



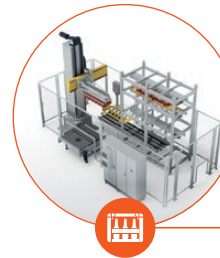
- Labelling**
EVODECO COLD GLUE
- Ultra hygienic fully washable steel structure
 - From 6,000 bph to 81,000 bph
 - Cold glue technology for partial pre-cut labels
 - EvoDECO Multi modular configuration available for utmost labelling flexibility



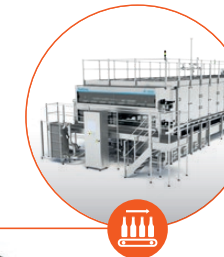
- Labelling**
EVODECO ADHESIVE
- Top quality label application
 - From 6,000 bph to 66,000 bph
 - Pressure sensitive for self-adhesive plastic or paper labels
 - EvoDECO Multi modular configuration available for utmost labelling flexibility



- Drying**
GEBU OPTIDRY
- High precision and low energy consumption for perfect drying efficiency
 - Speeds depending on the application
 - Optimal drying thanks to adjustable plenum positioning and unique nozzle design



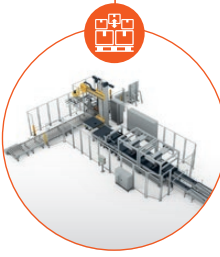
- Decrating**
DECAROBOT
- Automatic decrater specifically designed for returnable glass bottling lines with rapid format changeovers
 - Bottle handling thanks to individual pneumatic grippers, adapted to various sizes of crates
 - Movements controlled brushless motors



- Pasteurizing**
SWING
- Optimal flavour and bacteriological quality with unprecedented low energy consumption
 - Most accurate thermal treatment for required pasteurization effect
 - Unsurpassed water savings thanks to Swing® water cycle control device



- Crowns feeding**
GEBU OPTIFEED CROWN
- 100% closure compliance at capper infeed thanks to embedded vision control
 - From low to high speed up to 92,000 closures per hour
 - Smooth waterfall sorting principle and high performance vision control technology



- Palletising**
EVOFLEX PACKS/CRATES
- Fastest low-level palletiser on the market: up to 12 layers per minute
 - Streamlined technology based on a double lifting unit on a single central column for a greater machine accessibility
 - Advanced and user-friendly experience with tablet-based multitouch panel PC



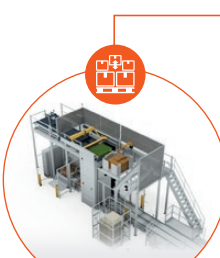
- Filling**
EVOFILL GLASS
- Delivering premium beer bottles with greater format flexibility
 - From 25,000 to over 80,000 bottles per hour
 - Electronic level probe filling



- Filling**
EUROSTAR EV
- Highly optimised filling performance
 - From 25,000 to over 80,000 bottles per hour
 - Electro-pneumatic level filling



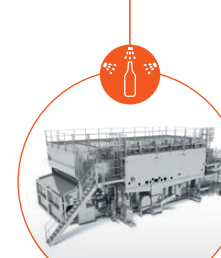
- Filling**
EUROSTAR HS
- Reliable and simple filling performance
 - From 25,000 to over 80,000 bottles per hour
 - Mechanical level filling



- Depalletising**
SWEEPOFF A
- High level automated depalletizer for loose bottles with automated pad/frame/hood/pallet handling
 - Proven technology delivering high outputs up to 144,000 cans per hour
 - Simple design to guarantee operation efficiency and high performance



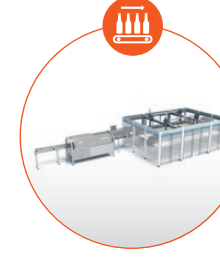
- Depalletising**
EVOFLEX
- Fastest low-level columnar depalletiser on the market
 - Double lifting unit on a single central column for a greater machine accessibility
 - Advanced and user-friendly experience with tablet-based multi-touch panel PC



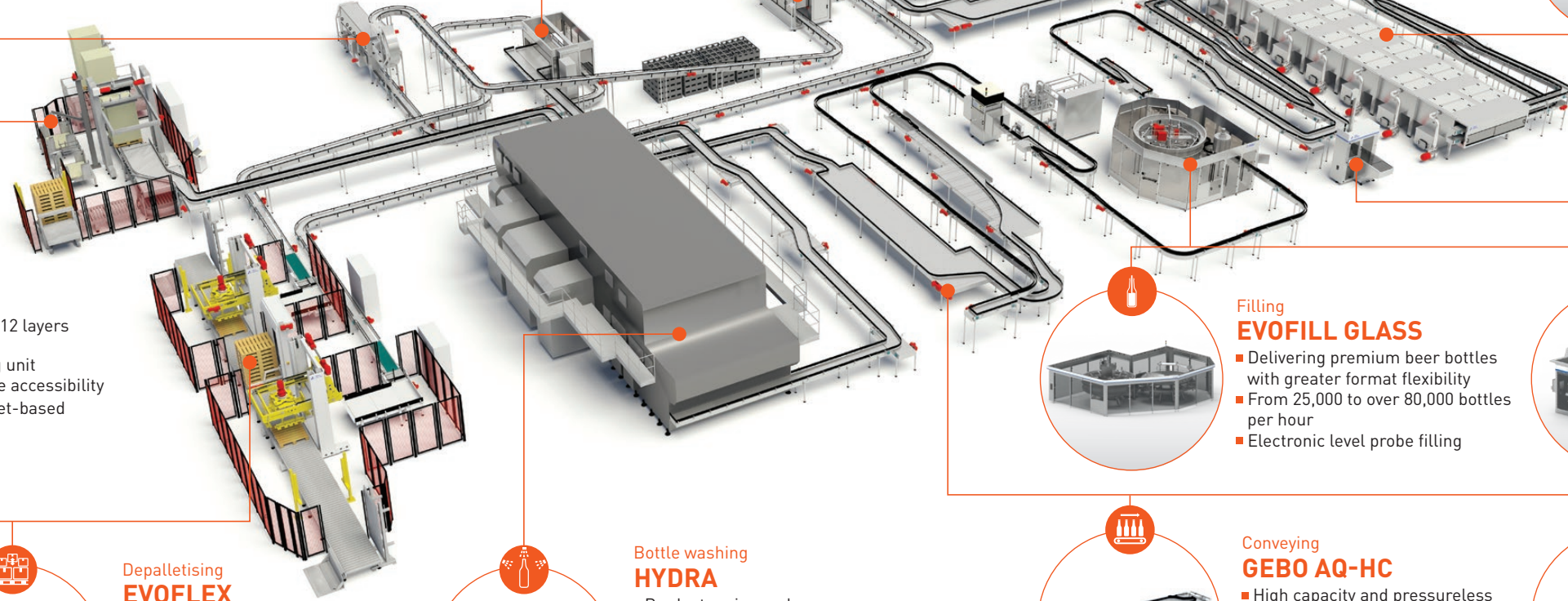
- Bottle washing**
HYDRA
- Product caring and resource efficient bottle washing in a flexible machine
 - From 15,000 to 100,000 bottles / hour
 - Modular design (prewash, detergent sections, rinse)



- Conveying**
GEBU AQ-HC
- High capacity and pressureless mass accumulation particularly suited to high speed lines with large production flow variations
 - Up to 120,000 containers per hour
 - Simple mechanical design with mobile end guide



- Conveying**
GEBU AQFLEX
- Best performance thanks to high flexibility product handling and accumulation in an all-in-one solution
 - Fastest single-file accumulation from 1,000 to 100,000 products per hour
 - Smart product handling principle coupled with proven logic motion technology





Labelling EVODECO ADHESIVE

- Top quality label application
- From 6,000 to 66,000 bottles per hour
- Pressure sensitive for self-adhesive plastic or paper labels
- EvoDECO Multi modular configuration available for utmost labelling flexibility



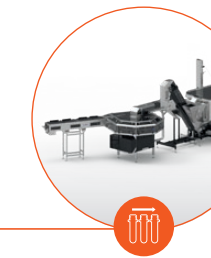
Labelling EVODECO COLD GLUE

- Hygienically designed for consistent uptime
- Up to 81,000 bottles per hour
- Fully washable design, automatic cleaning system
- EvoDECO Multi modular configuration available for utmost labelling flexibility



Blowing EVOBLOW

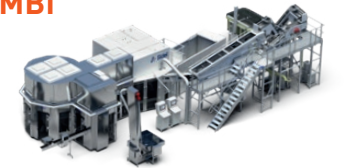
- Top consistent bottle quality
- From 12,000 bph to 90,000 bph
- Reduced electricity and air consumption



Preform feeding EASYFEED

- Safe and easy to operate
- Great preform integrity
- Maximum uptime and flexibility

COMBI

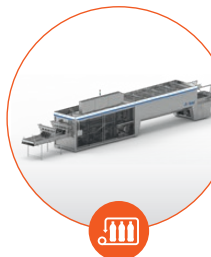


- Preform feeding, Blowing, Filling and Cap feeding in one integrated solution
- From 20,000 to 90,000 bottles per hour
- Compact footprint



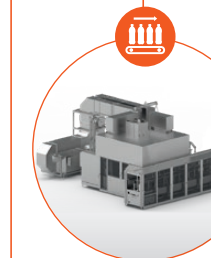
Drying GEBU OPTIDRY

- High precision and low energy consumption for perfect drying efficiency
- Speeds depending on the application
- Optimal drying thanks to adjustable plenum positioning and unique nozzle design



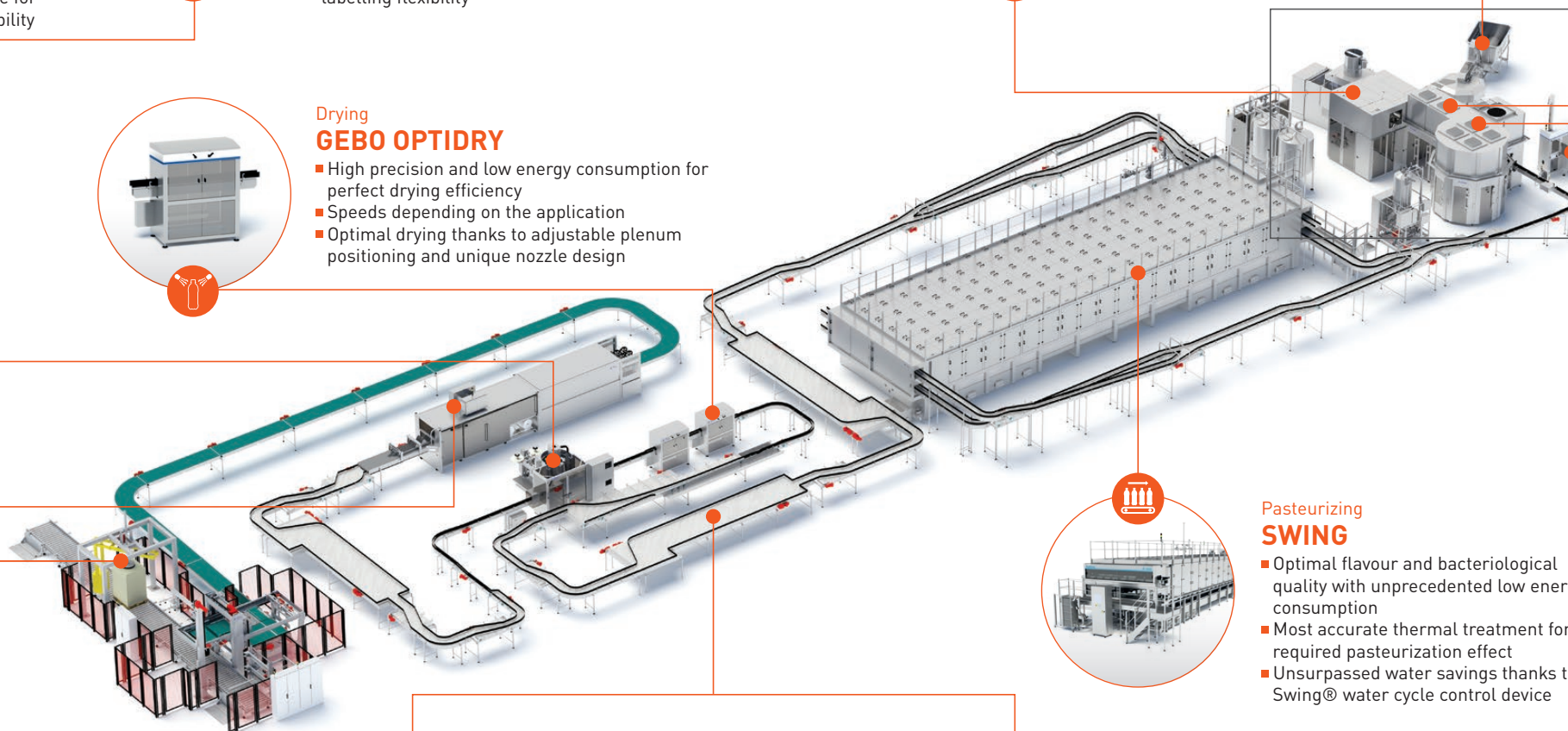
Overwrapping EVOFILM

- High-quality shrink-wrapped packs
- Easy operability and flexibility, 5-minute fully automatic changeover
- Robustness and maintainability for speed up to 120 cycles per minute



Coating ACTIS

- Increased shelf life and lightweighting
- Up to 40,000 bottles per hour
- Optimal production uptime and operational performance



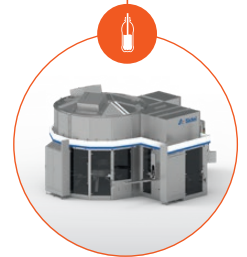
Pasteurizing SWING

- Optimal flavour and bacteriological quality with unprecedented low energy consumption
- Most accurate thermal treatment for required pasteurization effect
- Unsurpassed water savings thanks to Swing® water cycle control device



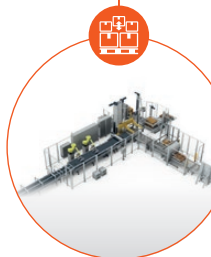
Cap feeding GEBU OPTIFEEED

- 100% cap compliance at capper infeed thanks to embedded vision control
- From low to high speed up to 92,000 caps per hour
- Smooth waterfall sorting principle and high performance vision control technology



Filling SF

- Highly optimised filling performance
- Electronic filling technology



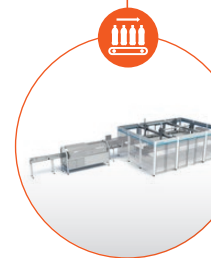
Palletising EVOFLEX COLUMNAR PALLETISER

- Fastest low-level columnar palletiser on the market: up to 12 layers per minute
- Double lifting unit on a single central column for a greater machine accessibility
- Advanced and user-friendly experience with tablet-based multi-touch panel PC



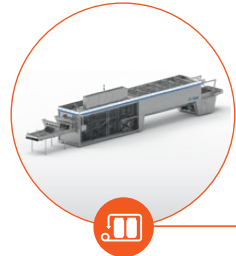
Conveying GEBU AQ-HC

- High capacity pressureless accumulation particularly suited to high speed lines with large production flow variations
- Up to 120,000 bottles per hour
- Simple mechanical design with mobile end guide



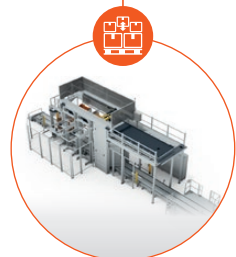
Conveying GEBU AQFLEX

- Best performance thanks to high flexibility product handling and accumulation in an all-in-one solution
- Fastest single-file accumulation from 1,000 to 100,000 bottles per hour
- Smart product handling principle coupled with proven logic motion technology



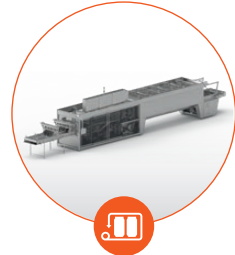
Overwrapping EVOFILM

- High-quality shrink-wrapped packs
- Robustness and maintainability for speed up to 150 cycles per minute in 3 lanes
- Operability and flexibility, 5 minutes fully automatic changeover



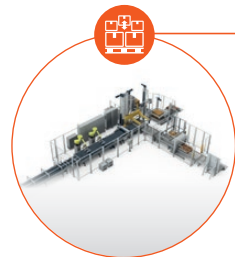
Depalletising SWEEPOFF A

- High level depalletizer for loose cans with automated pad/frame/hood/pallet handling
- Proven technology delivering high outputs up to 144,000 cans per hour
- Simple design to guarantee operation efficiency and high performance



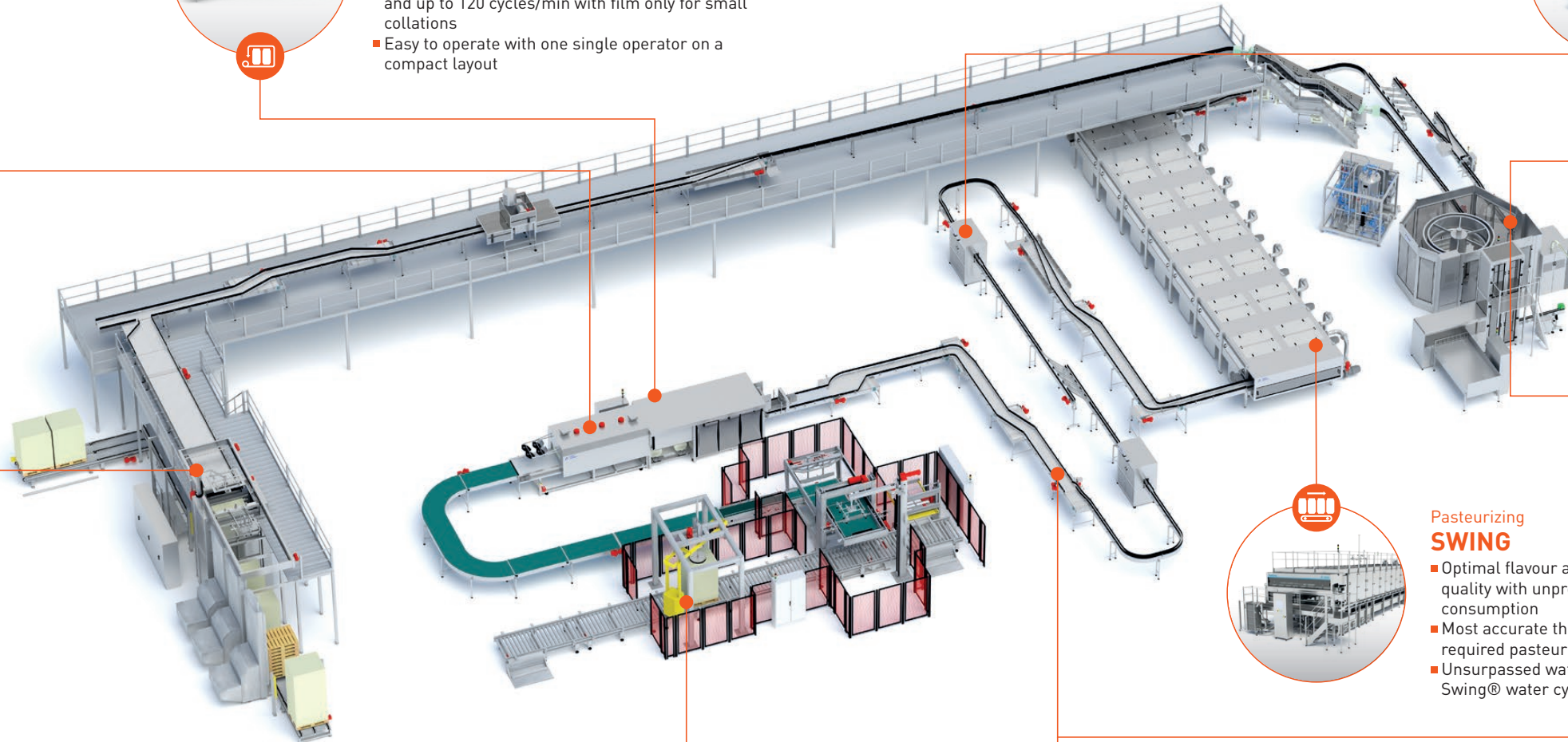
Overwrapping & Packing VERSACOMBI

- Largest secondary packaging capabilities to cope with various supply chain needs
- Speed up to 65 cycles/min with wrap around/tray and up to 120 cycles/min with film only for small collations
- Easy to operate with one single operator on a compact layout



Palletising EVOFLEX

- Fastest columnar low-level palletiser on the market: up to 12 layers per minute
- Double lifting unit on a single central column for a greater machine accessibility
- Advanced and user-friendly experience with tablet-based multitouch panel PC



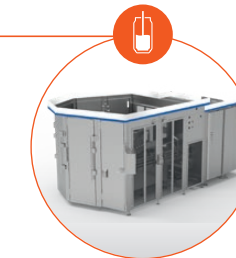
Drying GEBO OPTIDRY

- High precision and low energy consumption for perfect drying efficiency
- Speeds depending on the application
- Optimal drying thanks to adjustable plenum positioning and unique nozzle design



Filling EVOFILL CAN

- Delivering premium beer cans at an advanced performance level
- From 40,000 to over 130,000 cans per hour
- Electronic-volumetric filling



Filling STARCANS MS

- Compact and simple beer can production
- From 10,000 to 36,000 cans per hour
- Mechanical level filling



Pasteurizing SWING

- Optimal flavour and bacteriological quality with unprecedented low energy consumption
- Most accurate thermal treatment for required pasteurization effect
- Unsurpassed water savings thanks to Swing® water cycle control device



Conveying GEBO AQ-HC

- High capacity and pressureless mass accumulation particularly suited to high speed lines with large production flow variations
- Up to 120,000 cans per hour
- Simple mechanical design with mobile end guide



Conveying GEBO AQ-MAX

- Large capacity and low-pressure mass accumulation offering optimized space ratio
- Up to 70,000 cans per hour
- Simple and open conveyor design

ENGINEER YOUR PLANT



PLANT DESIGN



PROCESS & UTILITIES



CONTROLS & AUTOMATION



PACKAGING LINE DESIGN & INTEGRATION

DESIGN YOUR PACKAGING AND MAKE IT REAL



PACKAGING AND PREFORM DESIGN



PACKAGING INNOVATION



PACKAGING OPTIMISATION

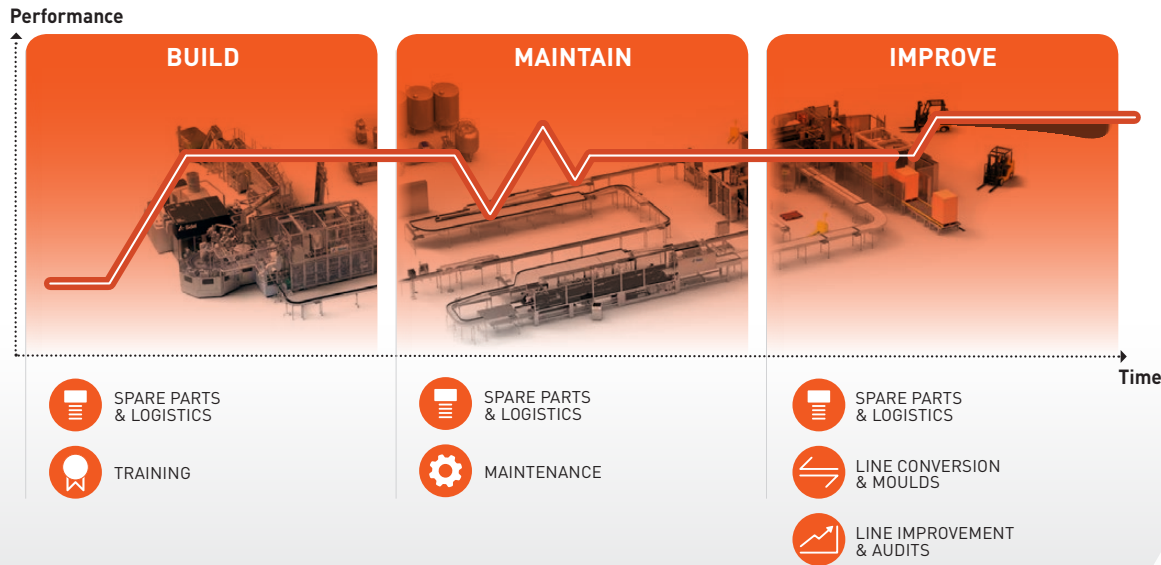


PACKAGING QUALIFICATION



LIQUID-PACKAGE INTERACTION ANALYSIS

ENSURE AND EXPAND YOUR COMPLETE LINES PERFORMANCE OVER TIME



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