

SWING®

# HIGH PERFORMANCE PASTEURIZATION, HEATING AND COOLING SYSTEMS



*Performance  
through  
Understanding*





## SECURE THE QUALITY OF YOUR PRODUCTS THANKS TO RELIABLE, RESOURCE- EFFICIENT HEAT TREATMENT

## APPLICATIONS

THE PASTEURIZATION OF YOUR PRODUCT IS KEY TO BOTH ITS SHELF LIFE AND CUSTOMER EXPERIENCE. SINCE 2009, THE SWING® PASTEURIZER HAS OFFERED THE MOST PRECISE HEAT TREATMENT IN A SMART, ERGONOMIC UNIT, ALONG WITH THE LOWEST WATER CONSUMPTION ON THE MARKET.



### Preserving product care

Product quality is essential to customer satisfaction. This involves complying with the integrity of the container and its content. SWING® pasteurizers develop a new approach to the pasteurization cycle, favoring product quality.



### Unprecedented reductions of energy consumptions

Pasteurizers have high energy and water consumption, which greatly impacts your TCO. SWING has been developed in order to limit your energy consumption while reducing your carbon footprint.



### Improvement of ergonomics

Facilitating access to the key parts of your pasteurizer considerably improves the efficiency and safety of your operations. To do so, SWING offers you unprecedented equipment ergonomics.



CSD  
(CARBONATED  
SOFT DRINKS)



BEER

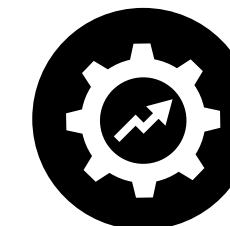


GLASS



CANS

**UP TO 160K CANS/HOUR  
OR 120K BOTTLES/HOUR**



92

installations  
all around the world

77.6  
billion

containers pasteurized  
by SWING®

2,335

olympic-sized swimming  
pools of water saved



# SWING®: REDUCING ENERGY CONSUMPTIONS WHILE PRESERVING PRODUCT INTEGRITY

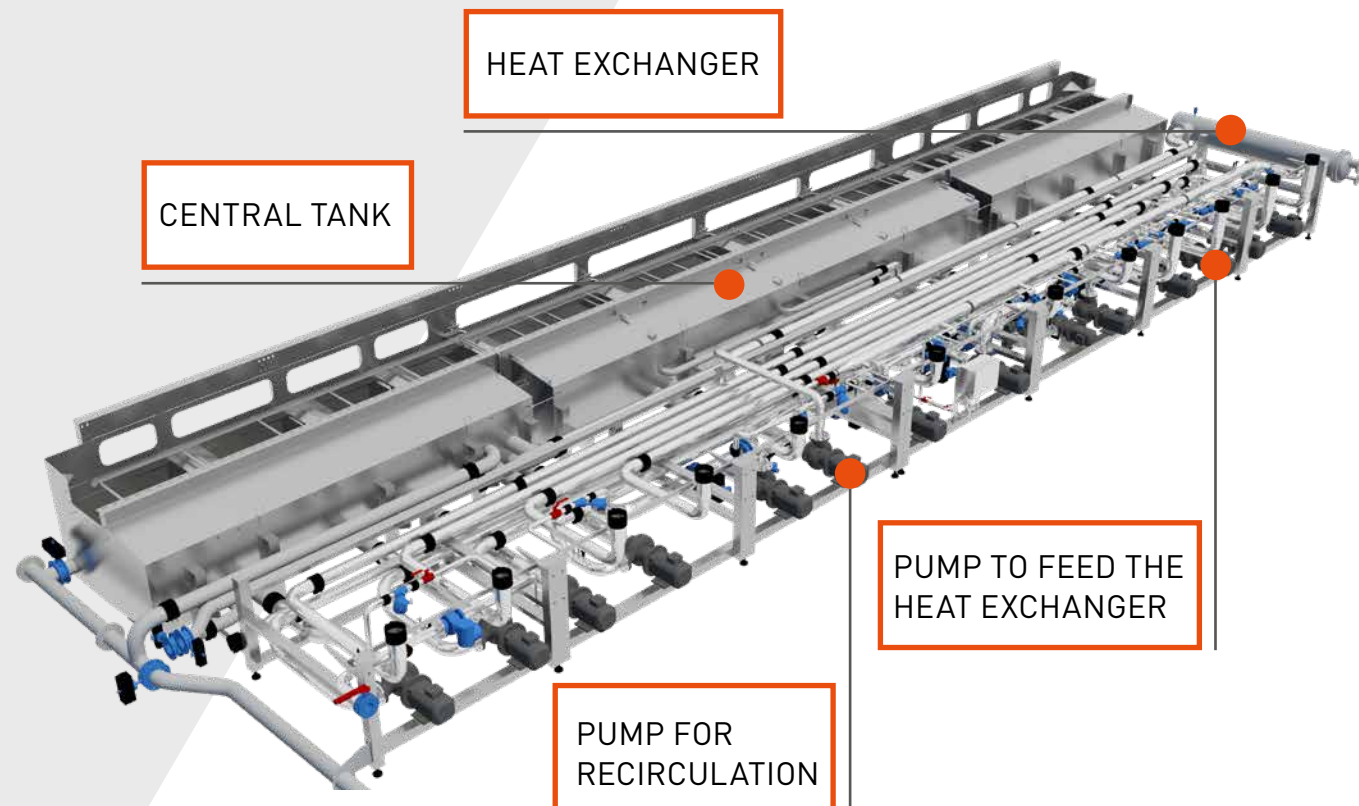
**CONTROLLING ENERGY CONSUMPTIONS** IS AT THE HEART OF A GOOD COST-CUTTING STRATEGY.

**SWING® IS THE MOST EFFICIENT SOLUTION ON THE MARKET** IN TERMS OF ENERGY CONSUMPTIONS:

- The machine is designed around a single central tank.
- The temperature in the tank increases without activation of the spray system before the actual start of production.
- The temperature increase of the machine is checked continuously for reduced consumption of electricity, water and steam.
- The pasteurization tank is never cooled down nor warmed back up.

**30 % WATER SAVINGS**

**60,000 KCAL SAVINGS**



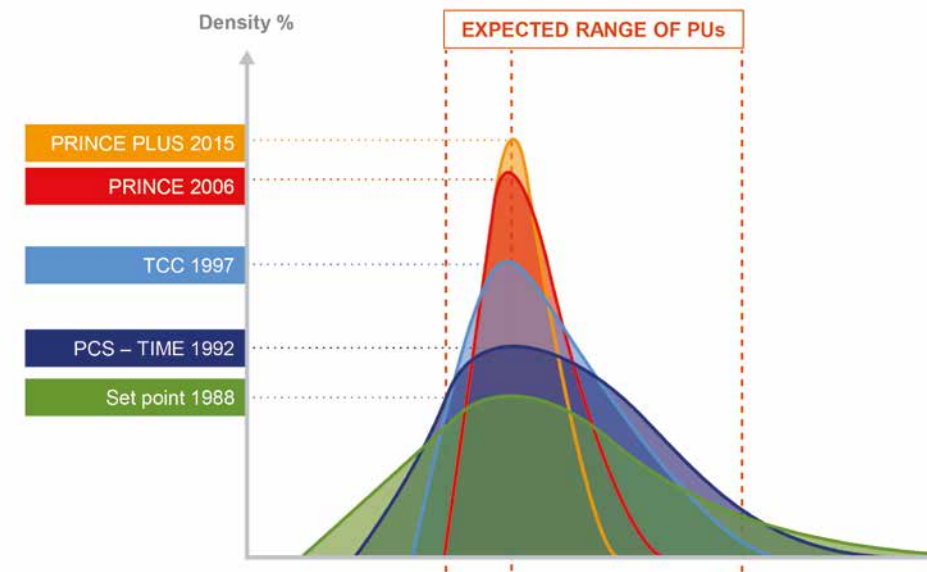
# LEADER IN PRODUCT CARE THANKS TO PRINCE PLUS

IN ADDITION TO ITS UNIQUE PASTEURIZATION PROCESS, SWING® CONTAINS THE PRINCE PLUS SOFTWARE, AN EXCLUSIVE CONTROL SYSTEM IMPROVING THE PERFORMANCE OF YOUR PASTEURIZERS.

## BY EMBEDDING ADVANCED PREDICTIVE FEATURES

- Prince Plus analyzes the current condition of the whole product,
- Predicts possible developments and
- Intervenes when necessary to obtain the best effect possible.

## OFFERING THE BEST LEVEL OF PUS ON THE MARKET



## FOR UNPRECEDENTED PRODUCT QUALITY

- By ensuring limited over-pasteurization, it preserves organoleptic features.
- Without under-pasteurization in any case, thanks to the predictive approach.
- Each product is warmed up, heat-treated and then cooled down, for any sequences of line status and steps.
- Products leaving the pasteurizer will pick up at least the minimum required number of PUs.

PRINCE PLUS IS AVAILABLE AS **OPTION OR UPGRADE**



## A USER-FRIENDLY HMI SECURING THE PERFORMANCE OF YOUR PASTEURIZER

### SWING®'S HMI OFFERS UNPRECEDENTED ERGONOMICS THANKS TO

- Fully automatic and self-managed mode.
- Automatic adaptation to every possible change in the thermal cycle.
- No need for manual settings of the parameters that may affect the control functions of the system.
- Simple browsing within the interfaces.



## OPTIMAL ACCESSIBILITY AND IMPROVED ERGONOMICS

### SWING® IS DESIGNED TO ENABLE EASY, FAST AND SAFE MAINTENANCE OF ITS KEY COMPONENTS (motors, heat exchangers, probes and valves).

- Many access points thanks to walkways: Easy access to the tunnel, filters and tanks for maintenance operators, to ensure safe, optimal cleaning.
- Guardrails installed on either side of these walkways to maximize work safety environment.



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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