



*fluidity.*  
**nonstop**

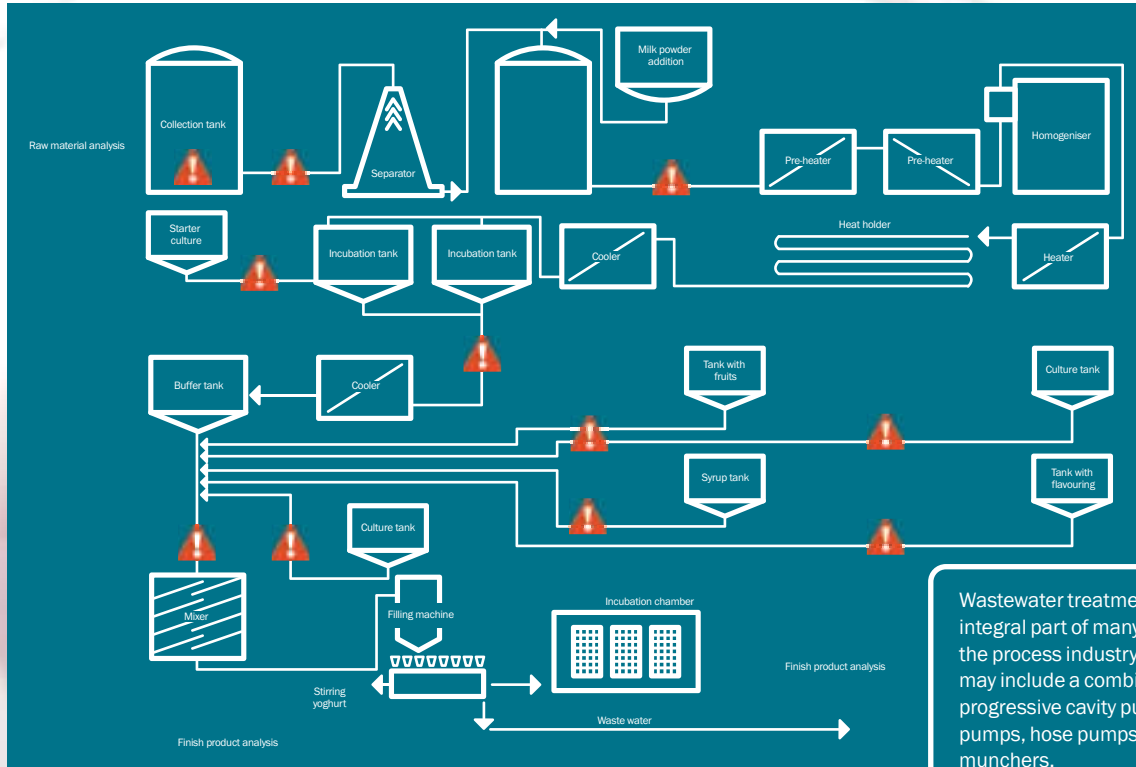
in yoghurt production  
with APV & Waukesha  
product portfolio

 AxFlow


# fluidity.nonstop in yoghurt production

A typical yoghurt process best illustrates the critical control points where products are transferred, dosed and processed by our pumps, heat exchangers, mixers, valves and other process equipment. Apart from brewing, we have been working with customers in dairy, convenience food, bakeries and confectionery, meat, oils and fats, winery and beverages for decades.'

With >Waukesha Cherry-Burrell<sup>®</sup> and >APV<sup>®</sup> products we have the widest product portfolio for the 'Food & Beverage' industry.



Your production process is marked by critical control points where different fluids are pumped, mixed, injected and filtered. Too often the role these points play in process performance is underestimated.

To get the very best from your process, all the individual parts should work in harmony. In the chart that follows, those critical fluid handling points are marked with a red  symbol. You may only need to consider performance, dimensions and material specifications of the pump; alternatively you might also need to evaluate the pumping technology, safety issues or compatibility with upstream and downstream systems as well as overall process control matters.

### DW positive displacement pumps from SPX APV



Designed for ultra-hygienic applications. Pump range of 26 models with capacities from 3 liters/100 revs to 1,016 liters /100 revs and pressures up to 30 bar. All product-contact parts are made from AISI 316L stainless steel and all elastomers comply with FDA-requirements.



### W+ Centrifugal Pump Series from SPX APV



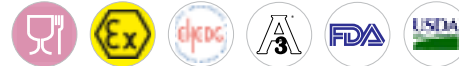
Built for heavy-duty & high efficiency applications. Self-priming / High Pressure / Multistage / Inducer. One-piece impeller/shaft eliminates vibration issues. 5-bladed impeller with deeper eye improves NPSHr. Flows up to 320m<sup>3</sup>/hr and 10 bar discharge pressure.



### Twin Screw from SPX Waukesha



The Waukesha Universal TS range is a new and innovative positive displacement twin screw pump for hygienic applications. This precision pump offers a gentle flow and the ability to pump both product and CIP therefore reducing overall process costs considerably.



## Why choose AxFlow

*We are exclusive partners for APV and Waukesha Cherry Burrell*

**2-3 days standard delivery**

- Spare parts on stock
- Repair and maintenance
- Long experience in the food and beverage industry
- One point of contact

## Universal Series pumps from SPX Waukesha



Highly efficient Circumferential Piston pumps.  
Used for delicate or difficult process applications.  
Non-galling rotors (WCB patented alloy 88 material).  
Variety of assembled pumps stocked in The Netherlands.  
Flows up to 102m<sup>3</sup>/hr & 34.5 bar discharge pressure.



## DELTA SV and SVS Butterfly Valves from SPX APV



Including Butterfly, Single Seat, Mixproof, Ball, Aseptic, Regulating and Process Valves. Built to the highest hygienic and aseptic standards and designed for CIP use. Ehedg, 3A, PMO & FDA approved APV Valves are modular, adaptable & easy to maintain. Control unit options include Direct Connect, AS Interface, Valve-Net DeviceNet, Valve-Net Profibus.



## Double Seat Mix-Proof Valves from SPX APV



Used for the reliable separation of dissimilar fluids. Long housing ports to ease manifold fabrication, control units with fully integrated/internal position sensors as well as low air consumption and air supply requirements (5 bar/73 PSI). Designed for production flexibility, increased productivity, rapid return on investment (ROI) and improved product quality in the Food & Drink, Dairy, Personal Care and Brewing process industries.

## Scraped Surface Heat Exchangers from SPX Waukesha



The Votator® II is the newest design of scraped surface heat exchangers. It is a combination of design features from the proven Votator family, Thermutator Heat Exchangers, and new innovations resulting in a rugged, economical, and hygienic heat exchanger that can be used for heating and cooling products of a wide range of viscosities.



## Tubular Heat Exchangers from SPX APV



Specifically designed for heating of CIP/water applications, but also suitable for general cooling and heating applications. Working temperatures up to 545° F/285° C. Design pressures to 871 psig/60 bar. Can handle high viscosity products. Resistant to fouling.



## Gasket Plate Heat Exchangers from SPX APV

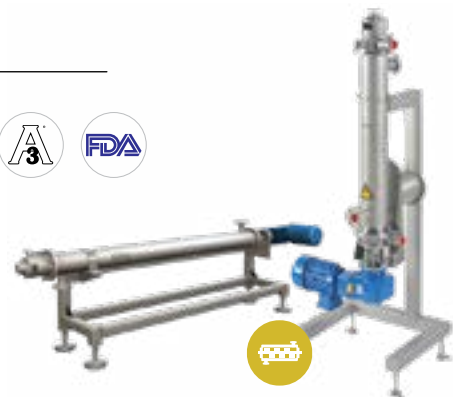


Widely used for general heating, cooling and pasteurization of dairy, beverage, brewery and processed food products. They are suitable for low to medium viscous products providing operational reliability and efficient heat transfer.

## Scraped Surface Heat Exchangers from SPX APV



Product integrity is protected as blades continually scrape transfer surface, increasing heat transfer. Large product area /volume ratio = High efficiencies. Build variations increase product mixing & reduce mechanical heat transfer or product channelling on sticky or very viscous liquids.



## In-line mixers from SPX APV



DAR in-line mixer for continuous mixing of different liquid combinations, mixing of high viscosity products and other substances and in-line emulsification to achieve homogeneous, liquid free and blended product is required. Capacity Up to 6,000 kg/h.



## Static mixers from SPX APV



TPX static mixer for continuous mixing of different combinations of liquids, gasses, and particles. It can be used for both pre-and post-mixing. Capacity up to 110,000 l/hour and low energy consumption.

## High-pressure homogenizers from SPX APV



The APV 110T homogeniser is a three-plunger, reciprocating pump, fitted with a single-stage homogenising valve (two-stage optional) with manually adjustable hydraulic actuators. The APV 110T incorporates a durable slow speed Power End in a low and compact design, mounted on a concrete sub-frame that reduces vibrations and noise.



## Laboratory homogenizers from SPX APV



Single-plunger, positive displacement pump equipped with a versatile homogenizing valve assembly, specifically designed for laboratory or pilot-plant use. Two units available with operating pressures of 1000 bar and 2000 bar with nominal capacities of 22 l/h and 11 l/h respectively.





## Technical support and expertise

We can help you select the most suitable products and equipment for your application. All AxFlow product specialists have been trained by the factory and have the knowledge and experience to completely unburden you. Direct and personal communication is of importance at AxFlow.



## Available from stock as much as possible

You can also count on deliveries from stock at AxFlow for APV products. In the coming period, we will be happy to discuss the stock with you as best as possible. Your question determines the stock of the AxFlow European distribution center, so that you can benefit from super fast deliveries as quickly as possible with a service level of 95%.



## Installation, repair and maintenance

Our concern goes beyond the supply of high-quality AxFlow equipment and the associated spare parts. AxFlow also offers maintenance and, where necessary, repair / overhaul with AxFlow Service. We do everything we can to prevent you from being faced with unpleasant surprises as a customer.

**AxFlow Service is 24/7**  
**Call: +00 (0)000 000 000**



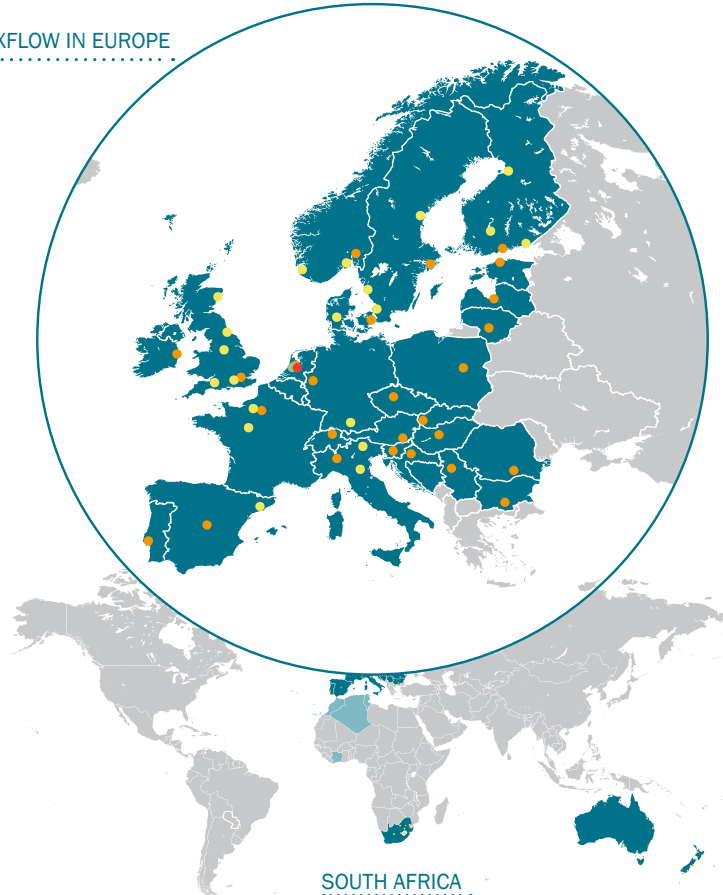
## Assembly and complete systems

You have one point of contact for the purchase of individual components to deliver total solutions in the form of compact mobile pump units up to and including complex, highly advanced production systems.



# AXFLOW WORLDWIDE

AXFLOW IN EUROPE



SOUTH AFRICA

AUSTRALIA AND  
NEW ZEALAND



## AxFlow Company

Address and number, ZIP code and city  
Telefon: 7010 3550 | Fax: 7010 3555 | E-mail: [axflow@axflow.com](mailto:axflow@axflow.com)  
[www.axflow.com](http://www.axflow.com)

AH/S/ENG/0000/0000 © fluidity.nonstop is a registered trademark of the AxFlow Group



*fluidity.nonstop*® is our promise and our commitment to offer service, product quality, performance and expertise the like of which has not been seen before. We are Europe's leading source of pumps and pump expertise for the waste water and we intend to maintain that position by working fluidly, and ceaselessly, to bring you the best.