



Press Release

September 2009

SPX APV at Drinktec 2009

APV has been working with the international brewery and beverage industry for nearly 100 years and provides a complete range of beverage and brewing equipment. Our product range includes pumps and valves, blending, deaeration, thermal, evaporation and membrane dialysis for low alcohol beers as well as engineered solutions.

At Drinktec 2009, in Munich September 14-19, APV will once again be presenting innovative ideas and solutions. As a brand of SPX, APV is looking forward to co-exhibiting with other premium SPX brands such as Bran+Luebbe, Johnson Pump, Lightnin, Waukesha Cherry Burrell and WCB-Flow Products on stand 339 in Hall A4.

Brewery and beverage systems

APV offers a series of technologies, skid-mounted systems, products, spares and services for the beverage and brewery industry. The units include wort cooling, aeration and yeast dosing, yeast propagation, beer pasteurization, carbonation, and high gravity brewing. APV can help customers identify ways of optimizing brewing processes. Learn more by visiting the SPX stand at Drinktec.

Instant infusion

This year APV is presenting world-class components and equipment together with unique technologies and processes like APV Instant Infusion®. This is a process that kills a high number of bacteria and spores in process liquids like infant formula while still keeping nutritional value high and chemical changes low.



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Evaporation and distillation

APV offers a wide range of evaporation and distillation equipment to suit the customer's needs. Evaporators and distillation systems are available for the concentration of products of varying characteristics and quantities. Applications include essence recovery from fruits, aroma recovery from coffee and tea, solvent recovery from extracts and flavours, and alcohol stripping. Whatever your application, APV can provide the best process solution for your desired product outcome.

APV valves

The APV DELTA series of valves is well-known all over the world. The new MS4/MSP4 and the DELTA CU4 control indication unit is the premium in class for virtually any air-operated sanitary valve solution. The DELTA DE3 valve family is perfect for installation into any hygienic process plant where safe operation must be ensured. A number of APV's valves will be on display during Drinktec.

APV DELTA valves

The APV DELTA series of valves stretches from butterfly valves to double seat valves and process valves like safety valves, vacuum valves, sampling valves, pressure relief valves and control valves are included in our portfolio.

The new aseptic single seat valves DELTA MS4 and DELTA MSP4 are specifically designed to meet the increasing product safety demands and extended product liability within aseptic cold filling. A pending patent related to the innovative diaphragm fan support mechanism stresses the fact that the DELTA MS4 and DELTA MSP4 valves feature unique technology.

Based on more than 25 years' experience with production of double seat valves, APV also presents the DELTA DA3+ double



seat Mix Proof valve: a modern, ultra- hygienic double seat valve, designed to meet the most extreme demands of the hygienic processing industries all over the world.

All APV DELTA valves are available with DELTA CU control units, including Direct Wired or Fieldbus control alternatives. Recently launched DELTA CU4 control unit is already the best in class for virtually any air-operated sanitary valve solution.

APV pumps

The new sanitary PUMA+ range of single-stage end-suction centrifugal pumps is the perfect choice when key considerations include reliability, flexibility and value for money.

The PUMA+ is ideal for building into existing plant designs. PUMA+ pipe connections range from DN40 to DN125 which, combined with adjustable legs or brackets available in various heights, makes it one of the most flexible, low cost pumps available and the perfect choice for OEM's and systems builders.

All pump sizes in the PUMA+ range are fitted with the same superior, front-loaded shaft seal used in the premium W+ pumps. With an EHEDG approved design, the hygienic level is also first-class, not jeopardizing the high APV standards.



APV mixing and blending

The APV Flex-Mix™ range of mixers is renowned for their safe, reliable operation and easy-to clean design, allowing customers to be confident of meeting health and safety requirements.

Mixers can perform several operations in one tank, and can be installed or changed over quickly to give customers the flexibility to respond rapidly to changing demands and achieve a fast time-to-market. Learn more about the APV mixers at Drinktec.

APV LeanCreme® process

The APV LeanCreme® process has gained rapid popularity with customers across the globe enabling the production of new healthier low fat and low carbohydrate fruit based dairy drinks.

The process is a technological way to replace the fat entirely or partly by whey proteins, after the functionality has been boosted by microparticulation. APV LeanCreme® products can be used for fermented drinks like yoghurt drinks, flavoured neutral drinks like chocolate drinks and protein boosted drinks. With the LeanCreme® microparticulation process, boundless technology opportunities are now available visit the APV stand to find out more.

APV Innovation Centre

APV is bringing a team of process engineering experts from around the world, including scientists from the APV Innovation Centre in Denmark, to share ideas with visitors and help them find solutions quickly and effectively.

Meet APV experts at Drinktec in Hall A4 on stand 339.



About APV

APV, an SPX brand, is a world leader of high quality process technologies and engineering solutions for the food, pharmaceutical, healthcare, power generation, chemical and petrochemical industries. APV's range of manufactured products includes heat exchangers, water desalination units, homogenisers, as well as pumps and valves for hygienic and non-hygienic applications.

APV's services extend far beyond the product itself. From manufacturing the equipment to offering our customers an extensive, global network of after-sales parts and services, APV ensures that the equipment performs to optimum efficiency throughout its lifetime.

APV solutions are supplied through its global network of sales and service offices located throughout the world.

About SPX

SPX Corporation is a Fortune 500, global multi-industry manufacturing company. Headquartered in Charlotte, North Carolina, SPX employs more than 17,000 people worldwide in over 30 countries. Visit www.spx.com (NYSE:SPW)

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