



APV FX Systems™

Factory Xpress Systems



APV FX Systems™ deliver large-scale benefits for small and medium scale production.

Saving time and space

FX Systems™ -also known as Factory Xpress Systems are pre-engineered, self-contained skidded systems with ultra-short delivery times for rapid implementation in the factory. Including a range of process technologies and applications with comprehensive automation options, FX Systems™ offer rapid installation of small and medium-scale processing solutions with the same quality advantages as large-scale plant.

SPX Flow Technology engineers have used experience gathered all over the world to design standardised modular solutions combining a small footprint with skid mounting. This means that FX Systems™ can be located in areas that are too small for other processing equipment, thus maximising the use of production areas.

Quicker and more economic installation

FX Systems™ can be customised to a certain extent by choosing between various modules and options, depending on the application type. The standardised module design and short delivery times of as little as a few weeks result in reduced time-to market for a new product and relieve larger plants from time consuming changeovers.

Each module contains a full set of installation instructions and can be assembled quickly, thus cutting installation costs to a minimum and significantly shortening time-to-production.

Simply Plug & Produce

FX Systems™ means that dairy, food and beverage processors of all sizes can now benefit from express delivery and installation of skid-mounted systems with the same quality and reliability, the same low maintenance requirements and the same access to global service and spare parts delivery as those offered by larger SPX Flow Technology systems, and what's more, when the equipment is installed, all the customer has to do is to "plug and produce"

APV CIP Systems (Cleaning In Place)



CIP units for efficient cleaning of pipeline systems, tanks and processing plants with a choice of tank sizes depending on requirements. Available in two standard ranges

APV CIP MINI

APV CIP MIDI

APV DELTA Manifolds



DELTA valve manifolds and skidded systems by APV save processors time and money and reduce lead times. The manifolds and systems are completely engineered and built by

APV, and are factory-tested before shipment. Solenoid panels can be included in pre-wired manifolds.

APV SepStream System



APV SepStream systems separate and concentrate whey or milk raw material to create new value-added main stream products or ingredients with no

waste as the process also produces a high-quality water main stream.

APV GoldStream System



The APV GoldStream process integrates high-quality sanitary components that are designed to work together to deliver a predictable return on

investment. The plant employs tried-and-tested reverse osmosis (RO) technology to separate and concentrate milk residues back to their original composition or higher.

APV Milk Reception Systems



The milk reception line includes intake of milk and other liquid milk products for further processing in a milk processing plant. The primary function is to eliminate air, measure the quantity, pumping and cooling before storing and further processing.

APV TPM Batch Mixer



Batch mixer based on circulation via a buffer tank. Powder is added to the mixer via a butterfly valve. The valve controls the flow of powder and prevents air entering the mixer.

APV Flex-Mix Instant



Designed for batch mixing, inline mixing over one or more hydration tanks, or continuous mixing in closed systems with vacuum powder transport.

APV TPX In-Line Mixer



The mixer consists of a number of helical blending elements mounted in a stainless steel tube.

APV Flex-Mix Processor



Sanitary batch process with processing and cooling in a time frame similar to that of a continuous process. Special mixing agitator design for gentle processing and protection of product integrity. Optional high shear mixing unit for emulsification.

Individual process step combinations.

APV DarMix+ In-Line Mixer



In-line mixer for mixing of butter and butter blends.

Compact and highly efficient in-line mixer. Mixing intensity (rpm) is controlled by a frequency converter.

APV Flex-Mix Liquiverter



Manual unit designed for batch mixing, inline mixing over one or more hydration tanks, or continuous mixing, with optional integration in fully automated production. Available as a standard unit or with a high-shear mixing option.

APV Flex-Mix Power Mixer



The APV Flex-Mix Power Mixer is a high shear, stand-alone, in-line mixer, suitable for processing liquid/liquid and liquid/gas dispersions. Aseptic gas injection is used to make an aerated product. Liquid is dosed into a rotor/stator pin mixer for high shear emulsification.



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For more information about our worldwide locations, approvals, certifications, and local representatives, please visit www.apv.com.

SPX Corporation reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing.

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