

APV Flex-Mix Processor

– SALAD DRESSINGS, BATCH PRODUCTION

PROCESS DESCRIPTION

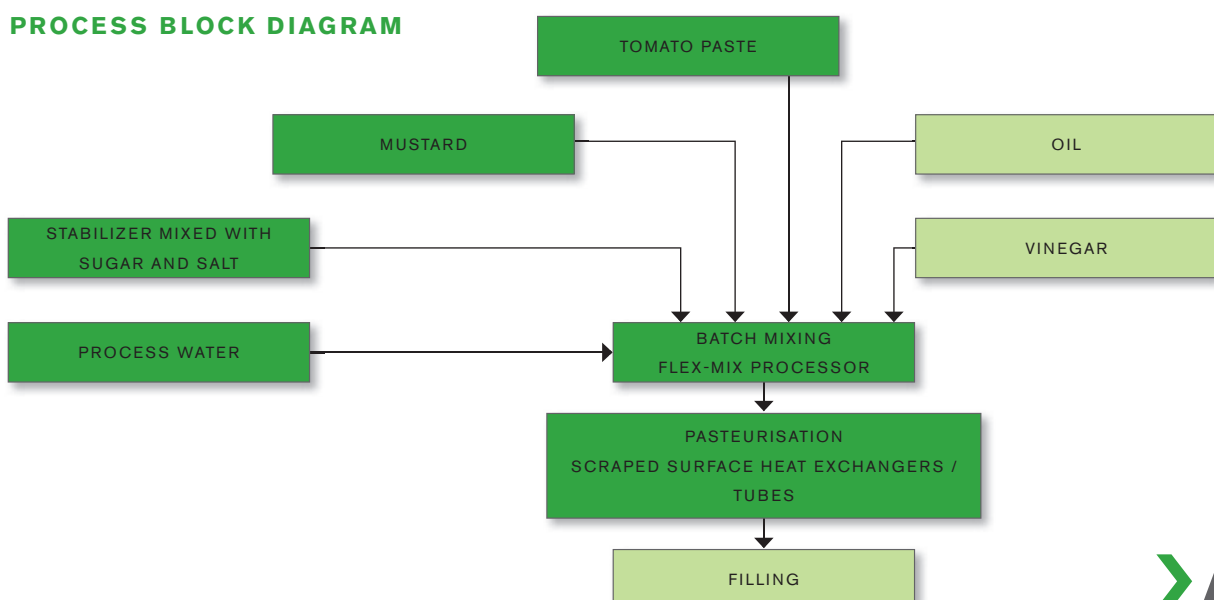
- Dressing suitable for salad topping, snack dip or sandwich filling can be produced on the APV Flex-Mix Processor.
- This example is based on a batch run producing Thousand Island dressing

Batch production of salad dressing in the APV Flex-Mix Processor.

Water is filled into the Flex-Mix Processor tank together with sugar and salt. The temperature of the tank is dependant on the stabilizer requirement. Stabilizers are blended with oil (1:5) and added to the tank during mixing and vacuum. After dissolution of the stabilizer system oil is added gradually in order to form the oil-in-water emulsion. Finally the vinegar, tomato paste and herbs/ spices are added to the mix.



PROCESS BLOCK DIAGRAM



FEATURES

- The APV Flex-Mix Processor is a pressure vessel.
- High shear mixing and gentle agitation/circulation is available
- Patent pending powder intake valves enable powder intake directly into the liquid body
- Integrated mixing, homogenization and deaeration

ADVANTAGES

- Overall a very high consistency and reproducibility
- Proven functionality with excellent product quality
- Non-destructive particulate inclusion
- Fast batch preparation time
- Two Flex-Mix units allows for continuous production flow
- The Flex-Mix Processor is very diverse and can be used for an extensive range of products.

SPX offers a wide range of Mixing and Blending equipment for batch and in-line emulsification, powder and liquid dissolving

APV Flex-Mix units and systems are recommended for batch production of fine food emulsions. Many global brands are being produced on SPX equipment



SPX is prepared to provide expert technology and application support.

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