

APV Flex-Mix Processor

- SAUCES

PROCESS DESCRIPTION

Batch production of sauces in the APV Flex-Mix Processor.

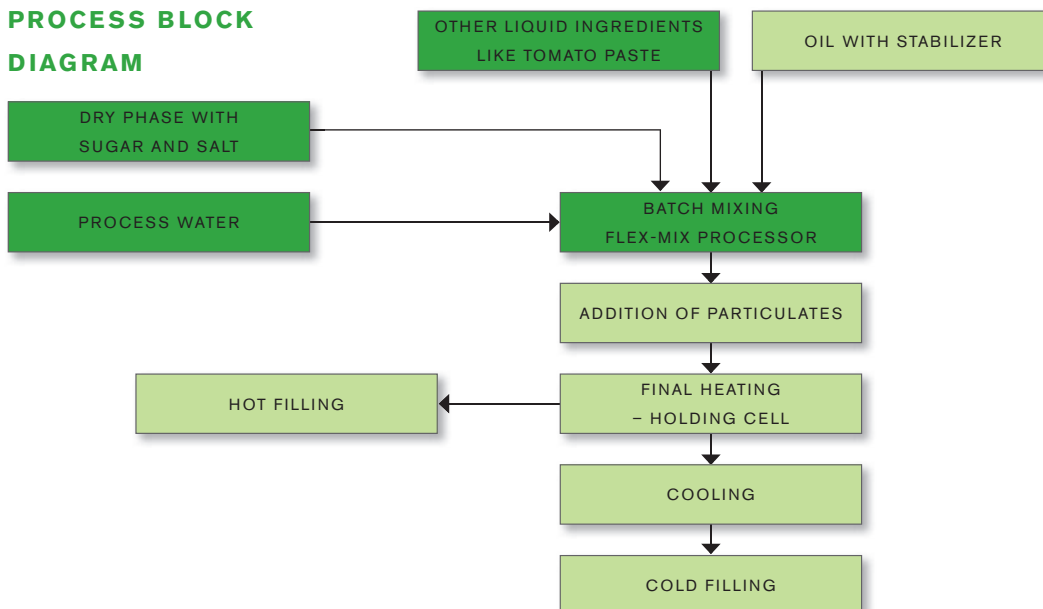
Water is filled into the Flex-Mix Processor tank together with sauce based ingredients.

Stabilizers are typically added together with the oil phase. The dry ingredients; sugar, salt, etc. are sucked in during mixing. After mixing particulates such as meat and vegetables, etc. can be added via the man hole, during which the agitator is running in order to continuously clean the internal surface of the mixer. Finally the sauce is pasteurized in the Tubular Heat Exchanger or SSHE depending on the viscosity and particle sizes followed by final heat treatment with a holding cell. The sauce is then hot filled or cooled in Tubular coolers or SSHE for cold filling.

The Flex-Mix Process can produce all types of sauces.



PROCESS BLOCK DIAGRAM



FEATURES

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

ADVANTAGES

- Very high consistency and reproducibility
- Proven functionality with excellent product quality
- Non-destructive particulate inclusion
- Fast batch preparation time
- Two Flex-Mix units allow 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.

Please contact us for further information or visit us at www.spx.com or www.apv.com

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APV-16015_GB Version: 02/2013 Issued: 01/2013 COPYRIGHT © 2012, 2013 SPX Corporation