

The APV Flex-Mix™ Family

READY TO MEET ALL YOUR NEEDS

LIQUIVERTER - INSTANT - PROCESSOR - TPM+ - TPX - DARMIXER - POWER MIXER



Consistent and effective mixing

APV Flex-Mix™ mixing solutions deliver the performance, flexibility and reliability you need to satisfy rapidly changing demands from your customers.

Flexibility

- Extensive range of mixing operations
- Rapid product changeover to meet changing customer demands
- Versatility to accommodate recipe changes and new products

Consistency

- Predictability for production of consistent, complex formulations
- Advanced technology and precision control for higher output
- Minimum rejects and product waste for higher production value

Availability

- Proven reliability over 80 years at hundreds of customers worldwide
- Easy cleanability for rapid changeover
- Low maintenance requirement for optimised output

Safety

- Exceptional sanitary standards with high traceability for food safety
- Compliance with health and safety requirements
- Designed for operator comfort and safety

Rapid payback time

- Low maintenance requirement for higher throughput
- Proven reliability for long service life
- Global servicing and spare parts for optimised performance

Proactive support

- Innovation facilities
- Plant rentals
- SPX expert technical application support

80 years of
dedicated
experience

Are your mixers flexible enough to meet changing customer demands?

- Does a mixer that can handle a variety of applications sound tempting?
- Do advanced technology, high availability, reliability and predictability sound like a winning combination?
- Do proactive customer service, preventive maintenance and rapid spare parts delivery sound reassuring?

The APV Flex-Mix™ range is designed to help customers in the dairy, processed food, beverage and personal care industries to:

- Develop new products and processes
- Achieve enhanced production performance
- Sustain consistent quality
- Reduce production costs

Seven good reasons for choosing Flex-Mix™

Flexibility

Fully equipped test centre

Most comprehensive mixer range

Safety

Rapid payback time

Proactive application support expertise

Improved product quality

Flex-Mix™
– more than just a machine

Comprehensive
range of mixers for
every need

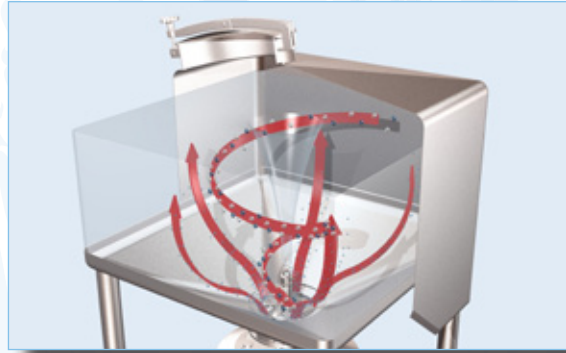
Innovation and
efficiency that drive
your market success

Sanitary mixers

Flex-Mix™ Liquiverter

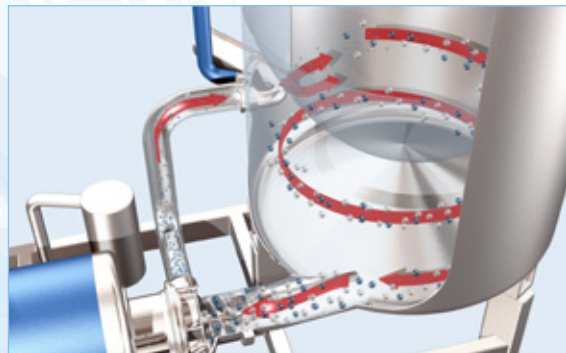
The mixing principle in the liquiverter is based on vortex-driven blending.

The liquid collapses around the powder and is forced towards the mixer head at the base.



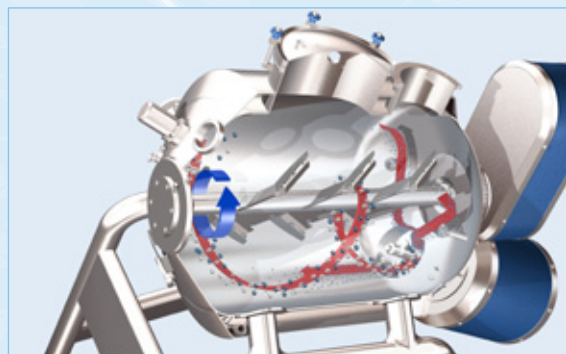
Flex-Mix™ Instant

Powder is sucked into a circulating liquid by vacuum. The dispersed powder is homogenised by passing it through the mixer head located next to the tank.



Flex-Mix™ Processor

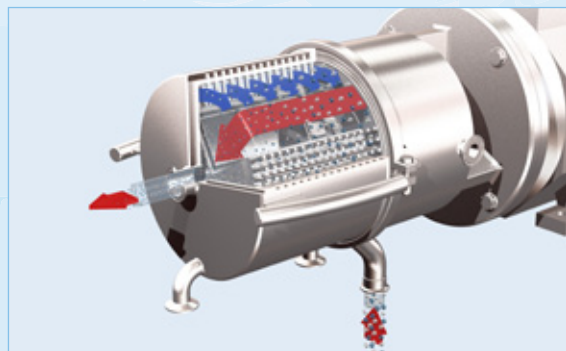
High viscosity products are pushed towards the mixer at the base by the agitator in the middle. A circulation pump can pass the product through the mixing head several times.

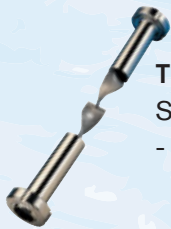


Flex-Mix™ Power

Aseptic gas injection is used to make an aerated product.

Liquid is dosed into a rotor/stator pin mixer for high shear emulsification.





TPX

Static inline mixer

- Ideal for blending two low-viscosity liquids

DAR

Inline mixer

- For blending a low-viscosity liquid into a high viscosity liquid



TPM

Batch mixer based on circulation via a buffer tank

- For dispersion of highly soluble powders



Liquiverter

Inline/batch mixer for recombination

- Handles medium solid levels

Instant

Inline/batch mixer for recombination, based on vacuum technology

- Handles high solid levels
- High shear emulsification
- Vacuum mixing – deaeration
- Dust-free handling
- Continuous production



Processor

All-in-one processing unit handling very high viscosity products

- Emulsification power
- Pasteurisation (direct – indirect heating)
- Vacuum mixing – deaeration
- Dispersion of particulates



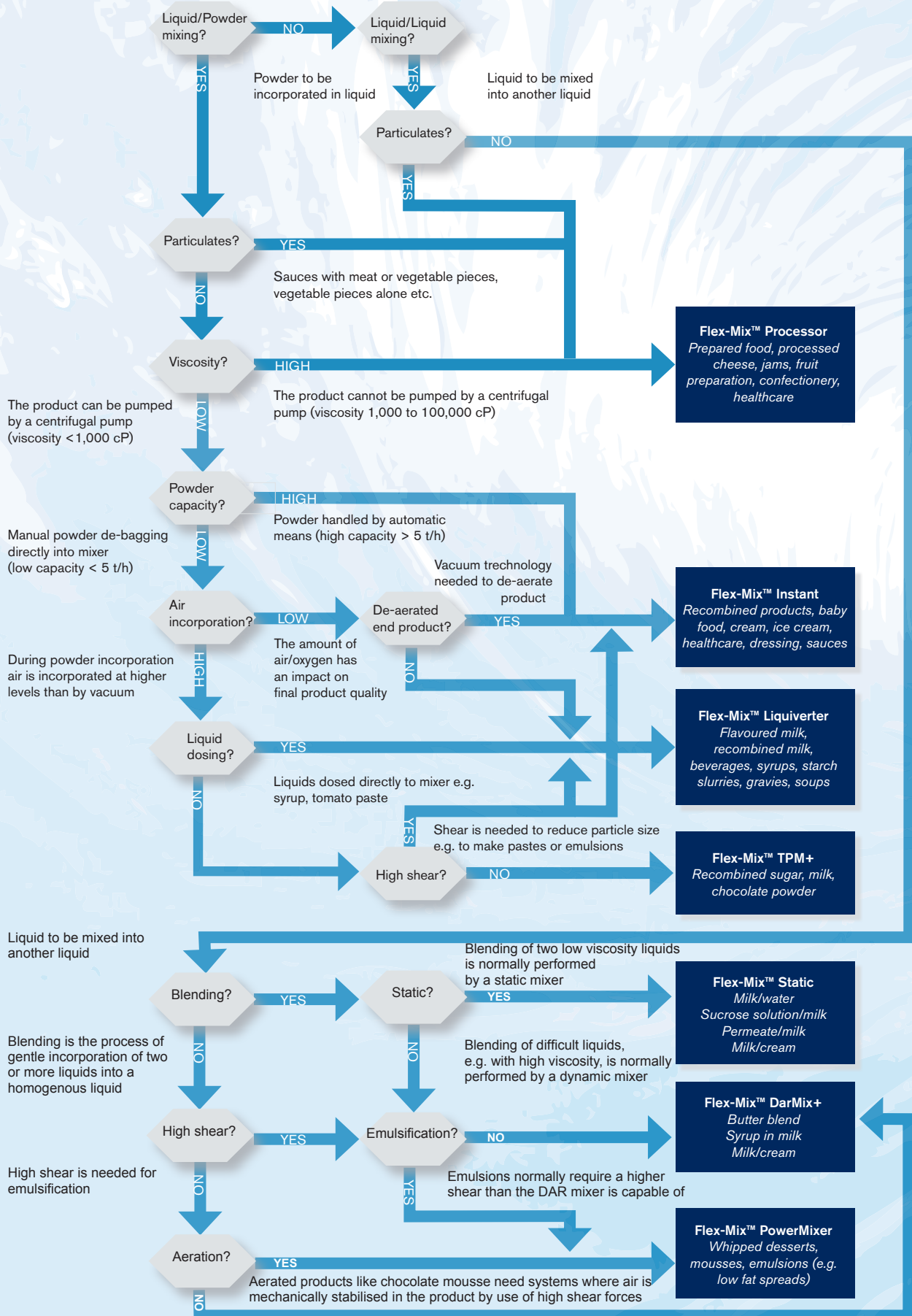
Power

Inline pin mixer

- Aseptic aeration
- High shear emulsification power



Selection guide



The people behind your performance

SPX industrial mixer customers benefit from a comprehensive range of engineering, application and testing expertise and services. These include:

- Experienced application engineers who can assist in developing new applications and customising equipment to meet specific application and production requirements
- Our Innovation Centre where customers can conduct pilot testing of applications with the reassurance of upscalability to commercial production

- Equipment rentals for pilot testing or full-scale production trials at customers' own premises in conjunction with their other production equipment

Global service with local focus

SPX provides a 24-hour hotline as well as technical support and spare parts solutions based on service agreements. A global network of dedicated sales and service centres enables customers in more than 40 countries around the world to maintain consistent quality and performance from their SPX equipment.

Test before
you invest

Innovation Centre
services for exciting
new products

The broadest, globally
available mixing
portfolio

Preferred by
customers in more
than 40 different
countries

Application
development assistance
and support by
experienced engineers



APV Flex-Mix™ Family

ABOUT SPX

Based in Charlotte, North Carolina, SPX Corporation (NYSE: SPW) is a global Fortune 500 multi-industry manufacturing leader. For more information, please visit www.spx.com

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