



DISCOVER
PerMix's
TANKS, KETTLES,
& REACTORS

Innovation in Mixing Technology



TYPES OF AGITATION

Inclined Agitation	Ideal for gentle mixing of viscous liquids or sensitive ingredients.
Double Motion Agitation	Ensures thorough mixing and blending of high-viscosity materials.
Dual Agitation	Combines two different agitation types for versatile mixing applications.
Single Agitation	Efficient mixing for standard liquid blending and processing.
Triple Agitation	Provides advanced mixing capabilities for complex formulations and emulsions.



TANK CONFIGURATIONS

Open Top Tanks	Versatile design for easy access and manual ingredient addition.
Kettles with Hemispherical Bottoms	Facilitates efficient heat transfer and uniform mixing, ideal for cooking and processing applications.
Reactors	Designed for precise chemical reactions and processing of specialized formulations.

METALS OF CONSTRUCTION

304 and 316 Stainless Steel

Standard materials for food, beverage, and pharmaceutical applications due to corrosion resistance and sanitary properties.

Titanium

Ideal for corrosive chemicals and environments requiring high strength and resistance to oxidation.

Hastelloy

Suitable for handling corrosive chemicals and high-temperature applications in chemical processing.

Hardox

Abrasion-resistant steel used in handling abrasive materials and high-wear applications.

Mild Steel

Cost-effective option for less demanding applications in industrial environments.



ASME OPTIONS

Standard Heating & Cooling Jackets

Ensures precise temperature control for consistent product quality.

High-Pressure ASME Jackets

Designed for applications requiring higher pressure ratings and robust performance.

Internal Pressure

Allows for the handling of materials under pressure, ideal for specific processing requirements.

Internal Vacuum

Facilitates the mixing and processing of materials under vacuum, which is useful for removing volatiles or preventing oxidation.

SPECIALIZED OPTIONS

Cook & Chill

Enhances efficiency by integrating cooking and rapid cooling processes in a single unit.

Heating & Cooling

Offers flexibility to adjust temperature settings for various processing requirements.

APPLICATIONS

Food & Beverage Industry

Perfect for cooking, mixing, and processing sauces, soups, and confectionery products.

Chemical & Pharmaceutical Industry

Tailored solutions for precise reactions, blending, and formulation development.

Cosmetics & Personal Care

Ensures homogeneous mixing and emulsification of creams, lotions, and serums.

Hazardous Materials Handling

Robust construction options for safe handling of hazardous chemicals and materials.



WHY CHOOSE PERMIX?

Engineering Excellence

Industry-leading designs for optimal performance and reliability.

Customization

Tailored solutions to meet specific operational needs and regulatory requirements.

Quality Assurance

ASME-certified construction with stringent quality control measures

Support & Service

Dedicated technical support and maintenance services to ensure maximum uptime and operational efficiency.

Warranty

ONLY PerMix offers you a 5-year warranty on ASME vessels.

CONTACT US TODAY

Explore how PerMix's tanks, kettles, and reactors can elevate your mixing processes.

Contact us for a consultation and discover the power of precision mixing technology.



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