

Powder mixer series PM



Characteristics

The Packo PM Powder Mixer is a compact mixing unit used for blending dry ingredients into a fluid stream. The heart of the system is the SFP2 high-shear pump that drives the flow and ensures strong mixing. The construction is modular: starting from the SFP2 high shear pump, the baseframe, injector and funnel (1), the table (2) and finally the wheels (3) can be added step by step making the PM available in 3 versions.

3 versions available



Baseframe version, injector and funnel (1)



Table version (2)



Table with wheels version (3)



Bellow seal



Sterile seal




Application areas

The PM is the excellent solution for blending, dissolving and mixing powders, thickeners, emulsifiers and stabilizers in the dairy, beverage, food and personal care industries. Its precise mixing ensures uniformity, consistency, and quality in the final product. The powder mixer is used to blend ingredients such as flour, sugar, baking powder, vitamins, minerals, protein powders, whey protein, dehydrated vegetable powders, spices, flavorings and other dry components into (viscous) liquids.

Your benefits

- Very low energy consumption.
- Self-pumping mixing pump, no feed pump needed.
- Use of standard components.
- Quiet operation
- Hygienic design, easy to clean, fully drainable frame, minimal flat surfaces.

Technical specifications

Powder mixer series	PM
Performance	
Max circulation capacity	50 m³/h
Max powder intake	3.5 tons/hour
Max shear	60.000 s ⁻¹
Max motor power	11 kW
Technical Specifications	
Material wetted parts	Stainless steel 316L or similar
Mechanical seal configuration	Single, quench, double
Available elastomers	EPDM, FKM
Connections	Hygienic fittings
Certificates & legislation	  

Dimensions (mm)

