

Sanitary Powder Mixer



Application

Solutions to solve almost any problem when mixing powders and liquids – as perfectly smooth consistency. Hygienic, effective, sturdy, easy to handle and highly economical. JVP powder mixer is the universal solution for dissolving, emulsifying and homogenizing wet and dry ingredients into fluids.

Application Market

Alcoholic beverages: liqueurs, wine, champagne, distiller's wash, spirits, alcoholic solutions

Biotechnology: cell suspensions, nutritive solutions, enzymes

Brewing: mash, yeast, beer, hot and cold wort, waste beer

Chemicals: inks, dyes, detergents, cleaning agents, photographic emulsions

Dairy products: butter, yoghurt, cream, skimmed milk, milk concentrate, set milk, whey, whey concentrate, raw milk, cream cheese

Foods: sauces, soups, flavorings, broth, vinegar, fruit and vegetable juices and purees, mayonnaise, oils and fats, whole egg, brine, dough

Non-alcoholic beverages: syrup, concentrates, fruit juices, mineral water, sodas and mixed drinks containing CO₂, concentrates with fruit pulp

Pharmaceuticals: infusion solutions, lotions, plant extracts, perfumes, suspensions, tooth paste, ethanol, enzymes, culture mediums, toxic and alcoholic solutions, special pastes



Working Principle

It is a combination of self-priming centrifugal pump with the shear pump .

The powder is drawn from a funnel directly into the fluid product stream, Passing through the shear pump, this premix is fully homogenized.

Sanitary Powder Mixer

Construction

- Removable Funnel
- Self-Priming Pump
- Shear Blender (Two Stages)
- Piping system with valves, and connections
- Common Base 304ss with Adjustable Leg or Fix.
- Cip Capableity

Optional

- IP55 Control cabinet with switches, buttons and indicator lights
- VFD , dry contacts
- Vibrator, screen ,lid, level probe
- Drain Pump or Tube.
- Double seals
- Special surface finishing
- Ex. Protction



Feature

- Blend Better
- Process Small or Large Batches.
- Portable
- Economic & Safe
- High-intensity blending
- Repeatable Product Consistency
- Save Energy
- Integrated System

PM Specification

Max.2500 cp

P.M. Model	Flow M3/H	Motor KW	Speed RPM	Q(MAX) M3/H	Motor KW	Speed RPM	Funnel Size	Connection	
								Inlet	Outlet
44 - 41	5	3	3550	5	3	3550	2"	1.5"	1.5"
44 - 44	10	5.5	3550	10	7.5	3550	2.5"	2"	1.5"
44 - 47	15	7.5	3550	15	11	3550	3"	2"	2"
47W-47W4	30	11	3550	30	18.5	3550	3"	2.5"	2"

Max.5,000 cp

P.M. Model	Flow M3/H	Motor KW	Speed RPM	Q(MAX) M3/H	Motor KW	Speed RPM	Funnel Size	Connection	
								Inlet	Outlet
40 - 41	5	2.2	1750	4	3	3550	2"	1.5"	1.5"
40 - 44	10	5.5	1750	10	5.5 - 7.5	3550	2.5"	2"	1.5"
50 - 47	20	7.5 - 9	1750	20	11	3550	3"	2"	2"
60 - 47W4	30	11	1750	30	18.5	3550	3"	2.5"	2"
65 - 57	50	18.5	1750	50	30	3550	4"	4"	2.5"