

PDC - Double Cone Mixer

Introduction:



The PerMix PDC series Double Cone Mixers are another type of Tumbler Mixer, and they are unique mixers suitable for rapid and uniform mixing of free flowing dry powders, granules and crystals. With the simplest structure among all mixers, they are featured for low investment, easy operation, discharging without residual, quick cleaning, and simple maintenance.

The PerMix PDC series Double Cone Mixer provides a gentle high-flowing mixing process for solids/solids in a proportion of up to 1:100.000 with the possibility of using an intensifier bar to enhance the mixture, and solids/liquids in powder or granulate form with different specific weights.

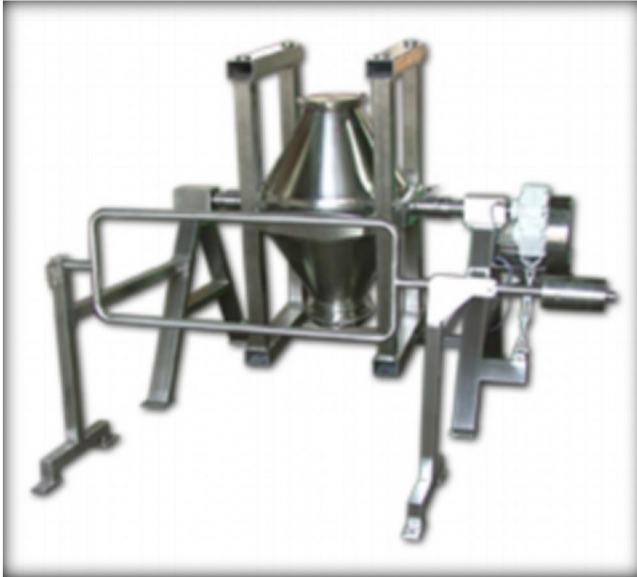
Advantages:

- Minimized distortion to the materials due to absence of any moving blades
- No contamination due to the closed area by only stainless steel walls
- Especially suitable to mix powders or granules which are temperature sensitive, easily oxidizable,

crystallized, volatile, poisonous or with irritating smell

- Many options are available as variable speed, automatic stop in discharge position, air operated valve, touch screen operating panel, safety fence, etc.

Features & Options:



The simplicity of design of the PerMix PDC series Double Cone Mixer allows a low initial cost, easy maintenance and simple operation. They can be supplied with a variety of options, including but not limited to:

- Full stainless steel construction for hygienic requirement
- Internal choppers
- Vacuum drying execution with heating jacket
- Special spray unit
- Safety fence

Applications:



The PerMix PDC series Double Cone Mixers are used widely in pharmaceuticals, food, cosmetics, chemical industries.

- Pharmaceuticals

Supplements, Active ingredients, Silica, Sugar, Tablet coating

- Food & Beverage

Sugar, Aspartame, Fragrance, Spice, Dextrin, Chocolate mixes

- Cosmetics & Daily Care

Baby powder, Tooth paste, Cosmetic creams, Detergents, Cleaning compounds

- Chemicals

Graphite, Alumina, Inorganic powder, Dye stuff, Silica, Adhesives, Agricultural supplements, Plastic powders, Colored cement mixes, Glass ingredients, Insulation materials

Specifications:

Model	Total Volume, Liter	Operation Volume, Liter	Power, kW	Length, mm	Width, mm	Height, mm	Operation Height, mm
PDC-15	15	7	0.37	600	430	1,265	1,335
PDC-45	45	20	0.55	850	620	1,540	1,650
PDC-100	100	50	0.75	1,100	810	1,620	1,950
PDC-200	200	100	1.1	1,400	1,020	2,100	2,280
PDC-300	300	150	1.5	1,600	1,160	2,320	2,530
PDC-500	500	250	2.2	1,630	1,070	2,600	2,600
PDC-700	700	350	3	1,820	1,200	2,770	2,770

PDC-1000	1,000	500	4	2,100	1,350	2,985	2,985
PDC-2000	2,000	1,000	5.5	2,620	1,350	2,145	2,280
PDC-3000	3,000	1,500	7.5	2,990	1,550	2,440	2,600
PDC-4000	4,000	2,000	11	3,280	1,680	2,685	2,850
PDC-5000	5,000	2,500	15	3,530	1,810	2,890	3,070

1. All specifications are as accurate as is reasonably possible, but they are not binding.
2. Customized sizes are available against request.
3. PerMix reserves the right to modify the design without notice.

Gallery:



www.permix-mixing.com

PDC Double Cone Mixers



www.permix-mixing.com

Two PDC-100 Mixers



www.permix-mixing.com

PDC Mixer in All Stainless Steel



www.permix-mixing.com

PDC Mixer with Liquid Adding Device



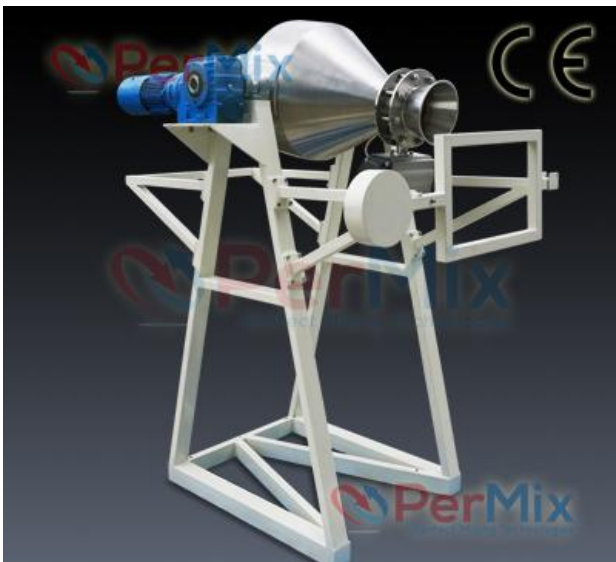
www.permix-mixing.com

PDC-2000 Double Cone Mixer



www.permix-mixing.com

Standard PDC Tumble Mixer



www.permix-mixing.com

PDC-100 Mixer with Safety Fence



www.permix-mixing.com

PDC-4000 Double Cone Mixer