

IC 048 Sanitary Water-powder Mixing Pump

The mixer consists essentially of a jacket and a vertically mounted centrifugal pump impeller. The suction side has a hopper and piping to separate the solids inlet from the liquid, thus avoiding the formation of flocs before the material enters the jacket. -The liquid enters the mixing chamber at a high velocity, thus creating a vacuum in the center of the impeller, which draws in the solids. The entry of solids can be controlled by a valve installed under the filling hopper. It is important to maintain low pressure on the suction and discharge sides of the mixer. Avoid cavitation. Therefore, only provide the transfer pump when the application really needs it (large pressure will reduce the suction of solids, high viscosity materials, etc.), always remember that the suction capacity will be reduced. -When the outlet pressure is very high, a centrifugal pump needs to be installed to drain the side of the mixer. When the viscosity exceeds 500 cP, the transfer pump and the discharge pump must be positive displacement pumps (rotor pumps).

Size	A	B	C	D	H	H1	L	L1
IC 048-01	1083	582	682	630	320	105	400	20
IC 048-02	1083	582	682	630	320	105	400	202
IC 048-03	1135	650	793	770	360	121	420	220
IC 048-04	1135	650	793	770	360	121	420	220
IC 048-05	1183	835	932	870	400	125	470	220

Applications

Preparation of syrups, sorbitol, glucose, lactose and derivatives
 Preparation of milk powder, dissolution of cocoa powder or sugar in milk
 Preparation of dairy slurries
 Preparation of flour and starch slurries
 Preparation of brines, premixed sour cheeses and other dairy desserts
 Dissolution of dappled clay for wine filtration
 Dissolving casein and casein in the cheese-making industry
 Formulation of pesticides and fertilizers

We are professional manufacturers of IC 048 sanitary water-powder mixing pump, we specialize in sanitary pump for more than 15 years!