

JF-B Emulsion Machine (Fixed type)



Vacuum homogeneous emulsifying machine is a set of mixing, dispersion, emulsification and homogenization, powder absorbing functions in one integrated system, a control system, but also with the peripheral oil, water tanks, the use of vacuum, heating / cooling system. Is a special equipment for producing medicinal ointment, cream, lotion and other high-grade.

Performances and Features:

- 1) The Vacuum emulsifiers produced by our company include many varieties. The homogenizing systems include upper homogenization, lower homogenization, internal and external circulating homogenization. The mixing systems include single-way mixing, double-way mixing and helical ribbon mixing. The lifting systems include single-cylinder lifting and double-cylinder lifting. Various high quality products can be customized according to customer's requirements.
- 2) The triple mixing adopts the imported frequency converter for speed adjustment, which can meet different technological demands.
- 3) The homogenizing structure made through German technology adopts the imported double-end mechanical seal effect. The maximum emulsifying rotation speed can reach 4,200 RPM and the highest shearing fineness can reach 0.2~5 μ m.
- 4) The vacuum degassing can make the materials meet the requirements of being aseptic. The vacuum materials sucking is adopted, and especially for the powder material, vacuum sucking can avoid dust.
- 5) The emulsifying pot lid can adopt lifting system, easy to clean and the cleaning effect is more obvious, the emulsifying pot can adopt tilt discharge.

6) The pot body is welded by imported three-layer stainless steel plate. The tank body and the pipes adopt mirror polishing, which fully conforms to GMP requirements.

7) According to technological requirements, the tank body can heat or cool the materials. The heating modes mainly include steam heating or electric heating.

8) To ensure the control of the whole machine is more stable, the electric appliances adopt imported configurations, so as to fully meet the international standards.

Main composition:

The vacuum emulsifying mixer is mainly composed of water pot, oil pot, emulsifying pot, vacuum system, electric control system (PLC is optional), operation platform, etc.

Usage and application field:

The product is mainly applied in such industries as daily chemical care products, bio pharmaceutical industry, food industry, paint and ink, petrochemical industry, printing and dyeing auxiliaries, pulp & paper, pesticide, fertilizer, plastic & rubber, electrics and electronics, fine chemical industry, etc. The emulsifying effect is more prominent for material of high base viscosity and high solid content.

Main technical parameters:

Model	Effective capacity	Emulsifier		Agitator		Machine size(mm)			Total power (KW)	
	(L)	KW	R/min	KW	R/min	L	W	H	Electric heat	Steam heat
JF-B-100	100	2.8-4	1440/2880	1.5	0-63	2750	2700	2250	13	32
JF-B-200	200	6.5-8	1440/2880	2.2	0-63	3100	3000	2500	15	45
JF-B-300	300	6.5-8	1440/2880	2.2	0-63	3500	3350	2650	18	49
JF-B-500	500	6.5-8	1440/2880	4	0-63	3850	3600	2750	22	61
JF-B-1000	1000	9-11	1440/2880	5.5	0-63	4200	3850	3300	28	88
JF-B-2000	2000	11-14	1440/2880	5.5	0-63	4500	4050	3800	34	--
JF-B-3000	3000	15-18	1440/2880	7.5	0-63	4800	4300	4100	40	--