



## ***RHJ-B-Internal and External Circulation Fixed Emulsifying Machine***



### **Application field**

Vacuum emulsifying machine is connected to the engine through the high-speed rotation of the head of the homogenization, material shear, dispersion, impact. In this way, the material will become more delicate, promoting the integration of oil and water. It is widely used in cosmetics, shower gel, sunscreen, and many other cream products. Sauce, juice, etc. In the food industry. Ointment in the pharmaceutical industry. Petrochemical, paint, paint, ink and other will use emulsifier.

### **Vacuum emulsifying machine features:**

- 1) Special cone bottom pot design, to ensure complete discharge, no residue.
- 2) Large circulation pipeline, sanitary clamp connection, two-way butterfly valve control flow.
- 3) Can be achieved automatically heating, according to temperature, time settings to achieve automatic cooling function.
- 4) Mixing speed can be adjusted by the inverter, a variety of mixed materials to promote material integration.
- 5) On the lid with a mirror lamp, you can observe the overall material handling of the pot.
- 6) Lid with a spray ball, you can fully clean the entire tank, no dead ends.
- 7) The machine is made of SUS316L / SUS304 stainless steel.
- 8) The main pot in vacuum state, the material can be directly from the oil pot and water pot inhalation.
- 9) Machine assembly using Siemens motor, Mitsubishi inverter, Borgman mechanical seal, NSK Bearings, Omron temperature control and other world famous brands, excellent performance.

## Main composition system of emulsifying machine:

- 1) Heating thermostat system (electric heating / steam heating)
- 2) Slow mixing function (frame type scraping wall scraping bottom stirring)
- 3) Homogeneous emulsification function (high speed shear homogeneous head)
- 4) Vacuum system (vacuum up to -0.095MPA)
- 5) Oil phase pot, water phase pot

## Safety protection system:

Mixing, homogeneous overload, or power grid over-voltage, machine will automatic stop.  
Pot body jacket steam pressure exceeds the set pressure , machine will automatic discharge pressure.

Main pot cooling water into the jacket pressure exceeds the set pressure , machine will automatic drainage water.

Emergency control system emergency stop button to prevent emergency immediately stop.  
Equipment rack and electrical box and operating eye-catching are affixed with safety signs (Chinese and English)

## Technical Parameters:

Model	Main pot	Water pot	Oil pot	Main pot power (kw)		Oil water pot power (kw)	Hydraulic lift power (kw)	Vacuum pump power
				Mixing motor	Homogeneous motor			
	Working capacity (L)							
<b>RHJ-5L</b>	5L	-	-	0.18	1.1	-	0.37	0.37
<b>RHJ-10L</b>	10L	8	5	0.37	1.1	0.18	0.55	0.55
<b>RHJ-20L</b>	20L	18	10	0.55	1.5	0.18	0.75	0.75
<b>RHJ-30L</b>	30L	25	15	0.75	2.2	0.18	0.75	0.75
<b>RHJ-50L</b>	50L	40	25	0.75	3-7.5	0.75	1.1	1.5
<b>RHJ-100L</b>	100L	80	50	1.5	4-7.5	1.1	1.1	1.5
<b>RHJ-200L</b>	200L	170	100	3	5.5-11	1.5	1.5	2.2
<b>RHJ-300L</b>	300L	250	150	4	5.5-11	1.5	2.2	2.2
<b>RHJ-500L</b>	500L	420	250	5.5	7.5-11	2.2	3	3
<b>RHJ-1000L</b>	1000L	820	500	7.5	15	2.2	4	4