



RHJ-E Spiral Belt Mixing Upper Homogeneous Emulsifying Machine



Vacuum emulsifying machine features:

- 1) RHJ-E series of vacuum emulsifying machine, to provide you with homogeneous emulsification in the field of new and efficient solutions, high-speed homogeneous shear, the maximum speed of up to 6000 rpm.
- 2) Special cone bottom pot design, to ensure complete discharge, no residue.
- 3) Large circulation pipeline, sanitary clamp connection, two-way butterfly valve control flow.
- 4) Can be achieved automatically heating, according to temperature, time settings to achieve automatic cooling function.
- 5) With Siemens high-speed touch screen control, PLC can display settings and actual values, set and monitor the limit data, can automatically remember and read the recipe process, the production of early warning.
- 6) Unique ribbon-type two-way mixing, the paddle and paddle stirring direction can be set to switch.
- 7) Mixing speed can be adjusted by the inverter, a variety of mixed materials to promote material integration.
- 8) On the lid with a mirror lamp, you can observe the overall material handling of the pot.
- 9) Lid with a spray ball, you can fully clean the entire tank, no dead ends.
- 10) The machine is made of SUS316L / SUS304 stainless steel.
- 11) Shaving wall reasonable design, to avoid the pot wall due to scraper long-term operation scratched, but also to ensure that the material and jacket between the best heat exchange effect
- 12) The main pot in vacuum state, the material can be directly from the oil pot and water pot inhalation.
- 13) Multiple safety guards with safety sensor lock
- 14) 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) Hydraulic lift system One button lifting, one bottom falling)
- 2) Heating thermostat system (electric heating / steam heating)
- 3) Slow mixing function (frame type scraping wall scraping bottom stirring)
- 4) Homogeneous emulsification function (high speed shear homogeneous head)
- 5) Vacuum system (vacuum up to -0.095MPA)
- 6) 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)							
RHJ-5L	5L	-	-	0.18	1.1	-	0.37	0.37
RHJ-10L	10L	8	5	0.37	1.1	0.18	0.55	0.55
RHJ-20L	20L	18	10	0.55	1.5	0.18	0.75	0.75
RHJ-30L	30L	25	15	0.75	2.2	0.18	0.75	0.75
RHJ-50L	50L	40	25	0.75	3-7.5	0.75	1.1	1.5
RHJ-100L	100L	80	50	1.5	4-7.5	1.1	1.1	1.5
RHJ-200L	200L	170	100	3	5.5-11	1.1	1.5	2.2
RHJ-300L	300L	250	150	4	5.5-11	1.5	2.2	2.2
RHJ-500L	500L	420	250	5.5	7.5-11	1.5	3	3
RHJ-1000L	1000L	820	500	7.5	15	2.2	4	4