

## *Hydraulic Emulsifying Mixer with Bottom Homogenizer YHX-series*



Hydraulic Emulsifying Mixer With Bottom Homogenizer is a high quality and efficient mixing equipment for cosmetic production. The bottom homogenizer is suitable to dealing large volume and high viscosity material with strong shearing.

### **Production Description**

Lift-type machine with the hydraulic emulsifying with bottom homogenizer is designed especially by Aerospace in order to suit for cosmetic and pharmaceutical industries which often produce small batches of different varieties products. And its best feature is that: homogenizer is installed below to increase power which is very effective to high viscosity material.

This machine can pour material obliquely and ensure pouring material furthest and reduce waste and suitable to products with big production capacity as with triple blending style and reversible design of the combination between high speed emulsification head and low speed blade.

### **Feature & Advantage**

1. The emulsifying mixer machine can lift automatically, thoroughly clean the tank.
2. Stirring paddle is suitable to every kind of complicated recipe and achieve optimizing effect, and scraping board of Teflon material cater to body of blending groove and scrape out viscosity material on boiler wall
3. Homogenizer is installed on boiler bottom to increase motor power more thoroughly and strongly. During little production, it can exert homogenizing effect fully.

4. All parts of hydraulic Emulsifying mixer with bottom homogenizer of main tank which contacted with material adopt exported material of USU 316 stainless steel
5. Realize liquid high-capability cut, rubbing, centrifugal to make sure exquisite and slick cream. And boiler body and pipe surface has 300EMSH polishing mirror (sanitation grade) according to Daily Chemical and GMP standard.
6. Customer can choose configuration of the machine what they need and its rotate speed can be adjusted 0-3500 rpm.

## Application

This hydraulic emulsifying mixer with bottom homogenizer is applied for producing plentiful high viscosity products like cosmetics and ointment. The material will be very milky and glossy via a high shear by bottom homogenizer with 3500rpm.

## Parameter

Model	YHX-100	YHX-150
Volume	100 L	150 L
Vacuum pressure	-0.09 M pa	-0.09 M pa
Temperature	&le;120 °C	&le;120 °C
Pressure of Jacket	normal pressures	
Speed of Scraping Plate Blender	0-86 r/min	0-86 r/min
Speed of Homogenizer	0-3500r/min	0-3500 r/min
Voltage	50Hz	50Hz
	380V&plusmn;10%-15%	380V&plusmn;10%-15%
Volume of water pot	80 L	120 L
Volume of oil pot	50 L	75 L

Model	YHX-300	YHX-500
Volume	300L	500 L
Vacuum pressure	-0.09 M pa	-0.09 M pa
Temperature	&le;120 °C	&le;120 °C
Pressure of Jacket		
Speed of Scraping Plate Blender	0-86 r/min	0-86 r/min
Speed of Homogenizer	0-3500 r/min	0-3500 r/min
Voltage	50Hz	50Hz
	380V&plusmn;10%-15%	380V&plusmn;10%-15%
Volume of water pot	240 L	400 L
Volume of oil pot	150 L	250 L