

Electrical Lifting High Shear Homogenizer



EBR series High shear homogenizer mixer adopt most advanced technology for rotor and stator precise positioning, which is the core technology for emulsifying effect. The whole machine system adopt electrical lift style, frequency converter speed adjusting system, easy to operation and maintenance. The bi-direction material absorption system make the best homogenizing effect. This model is widely used in cream, ointments, sauce, flavoring emulsions and pharmaceutic products etc.



Working Principle

Specification

Item: High shearing homogenizer

Power Supply: 380v, 50Hz,three phase (can be customized)

Capacity: 10L-10000L

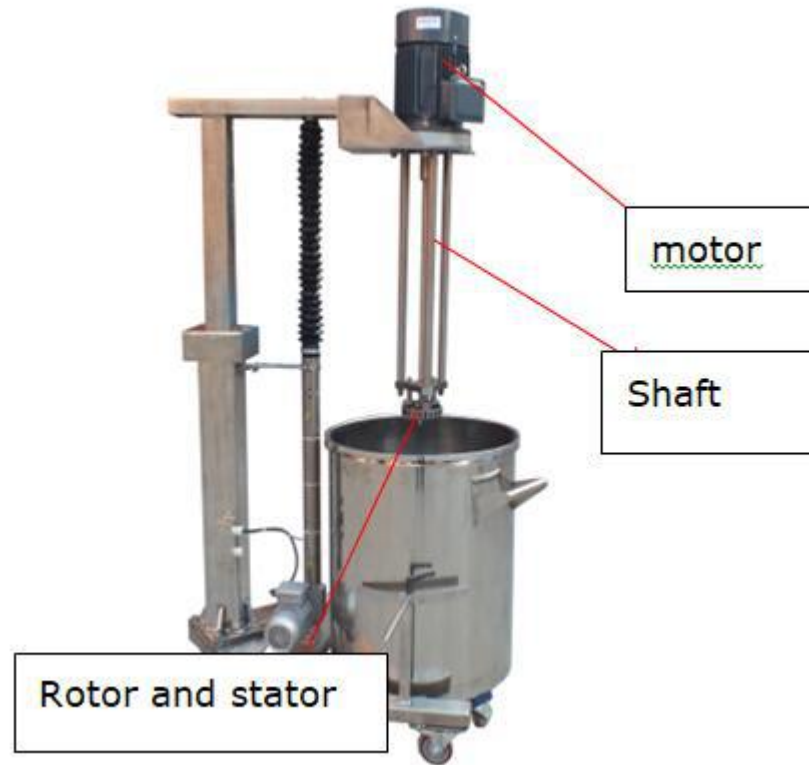
Rotation Speed: 0-3000rpm

Speed Adjustment: with inverter(various speed control)

Lifting method: Electrical lift

Features

- 1.the stator and rotor is after special heat treatment and precision forging
- 2.the material of the stator and rotor is ss304, 316L stainless steel
- 3.the rotation part is after dynamic and static balance test, low noise, prolong the service life.
4. the surface is after special treatment, advance the abrasion resistance.
- 5.claw structure, two-way suction, linear cutting. good circulation, without dead corner
- 6.mixing tank is able to achieve heating or cooling, vacuum



Machine details

Advantages

The noise is low, the efficiency is high, running smoothly without a blind spot, 100% through the working cavity. Large processing flow, suitable for industrial continuous production, to deal with the range of viscosity wider.

Application

Biology, pharmacy, food, ink, textile auxiliary, cosmetic lubricating oil and fertilizer etc. solution, gel, suspension or emulsion Juice, soup bases, milk production, mayonnaise, tissue homogenate, shampoo, lotion, emulsion, surfactants, asphalt, oil field chemicals, lubricant, etc.

Data Sheet & Models

Model	Power /KW	suggested capacity/L	Rotation/rpm	Liftingheight (mm)	Material
EBR-1.1	1.1	<100	3000	600	SUS304/316L
EBR-2.2	2.2	<150	3000	700	SUS304/316L
EBR-4	4	<200	3000	800	SUS304/316L
EBR-7.5	7.5	<500	3000	900	SUS304/316L
EBR-11	11	<800	3000	900	SUS304/316L

EBR-15	15	<1200	1500/3000	900	SUS304/316L
EBR-18.5	18.5	<1800	1500/3000	1100	SUS304/316L
EBR-22	22	<2000	1500/3000	1100	SUS304/316L
EBR-30	30	<2500	1500	1100	SUS304/316L
EBR-37	37	<3000	1500	1600	SUS304/316L
EBR-45	45	<4000	1500	1600	SUS304/316L
EBR-55	55	<5000	1500	1600	SUS304/316L

Professional technical supports & Processing Machines

Our engineers are around 20years rich experience in this area, professional skills and stable processing.

We have lathes, grinder, drilling machine, boring machine, polishing machine, milling machine...etc.

Maintenance & Services

1.Before order, customer can take materials to ourvlab and make test grindings, spot-testing parameters like particle size distribution,

obtain reliable data for model selection;

2. We provide you operation manual by Chinese or English;

3. We offer you Videos for equipment installation and maintenance in both English and Chinese;

4. With three years of spare parts inventory to ensure normal use and make you to be in trouble free;

5. Within 12-months warranty period, we promise to change damaged parts free of charge by air or by sea;

6. After delivery, our professional engineer will offer on-site guidance debugging free of charge, according to different characteristics of materials, to set up the operational parameters of the mill and ensure optimal grinding quality & equipment running status;

7. After the warranty period, we provide maintenance and maintenance service, only charge the cost;

8. Meanwhile, our skillful grinding experts can offer you free professional technical consulting and service.