

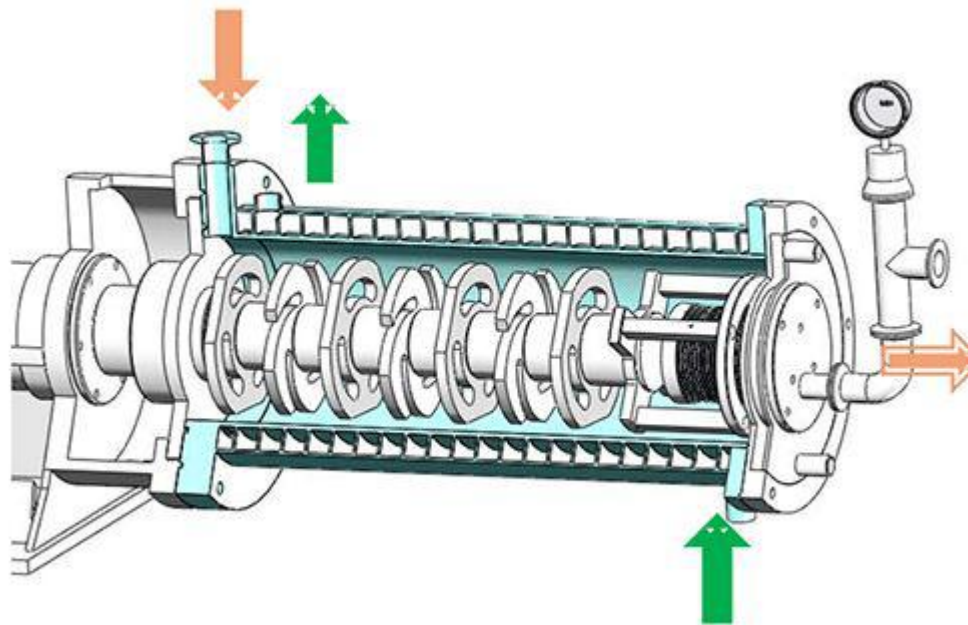
Disc Type Bead Mill



EBW Series Disc Type Horizontal Bead Mill

ELE horizontal pearl mill cooperates with Switzerland technology, with advanced structure, high efficiency, nanometer and micron final fineness. It is widely used in the industry production of paint, color paste, printing ink, papermaking, adhesive, drugs, chemical industry etc.

It adopts specially wear-resisting materials, prolonging service life, and well adopted to different viscosity of materials.



Working Principle

Specification

- Easy to start, with low energy consumption rate and high grinding efficiency.
- Explosion-proof control components can be optional to meet reliable EX requirements.
- Advanced electric control system and fault alarm system.
- It can be equipped with different kinds of pump to match different materials (such as pneumatic diaphragm or gear pump).
- Unique double cartridge mechanical seal, to ensure long operation of shaft seal, maximum 8 -10 kg pressure



Bead Mill Disc Type



Bead Mill Machine Disc Type

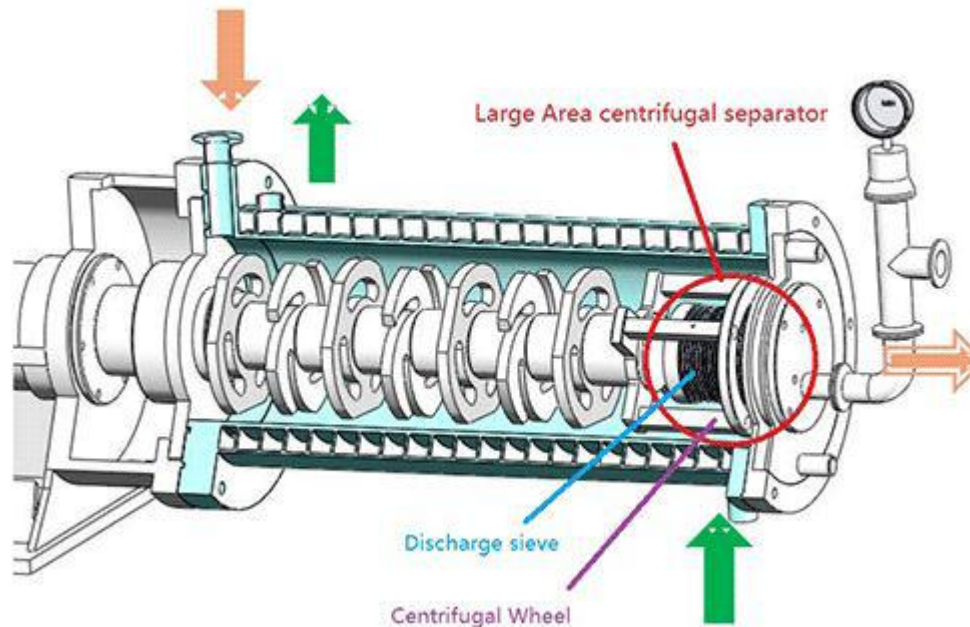
Advantages

Special Feeding System:

Feeding pump with buffer tank to make sure feeding smoothly, buffer tank with pressure meter, If the grinding chamber is blocked, we can release the pressure from the buffer tank

Discharging System: New technology of Discharge method

Large Area centrifugal separator, the centrifugal wheel push away the grinding beads from the discharge sieve, make sure discharge smoothly, no blocking of beads



Special Mechanical Seal & Bearing Housing

- Special double cartridge mechanical seal, ensure long operation of shaft seal, maximum 8 -10 kg pressure;
- Special Bearing Housing, match mechanical seal well, one whole part, ensure the accuracy to below 0.03mm. Make sure stable working & extend the long life.

Cooling system

- Feeding pipe with jacket for cooling
- Cooling Tank for Mechanical Seal

Application

Coating: Water-based coating, Solvent-based coating, Decorative Coating, Latex paint;

Paint: Car Paint, Finish paint, Wood paint, Industrial paint;

Ink: Gravure Printing ink, Flexographic ink, Offset printing ink, Silk screen ink, UV light solid ink, Digital inkjet ink etc;

Pigment: Dye, Color painted pigment, Pen liquid, Watercolor;

Electronic Materials: Battery diaphragm alumina, Lithium iron phosphate, Ceramic slurry, Flame retardant;

Food Industry: Chocolate Syrup, Paste etc;

Pesticide: Pesticide suspension, EC, EW, ME;

Daily Chemical Industry: Cosmetics, Liquid soap, Shower gel, Liquid detergent etc;

Biological Medicine: Algae cell fragmentation, Micro-biological functional materials;

Nano Materials: metal oxide, Magnetic Materials, Paper industry, Optoelectronic industry.

Data Sheet & Models

型号 Model	研磨腔体积 Chamber Volume(L)	主机功率 Power(kw)	流量 Flow (L/H)	外形尺寸 Dimension(mm)	整机重量 Weight(kgs)
EBW-5	5	7.5	50-200	1200×900×1550	400
EBW-20	20	22	100-300	1850×1050×1750	900
EBW-30	30	30	200-500	2100×1100×1900	1200
EBW-50	50	45	300-800	2300×1350×1700	1800
EBW-100	100	55	500-1500	2500×1400×1800	2500
EBW-200	200	90	1000-2500	4500×1550×1900	3500
EBW-300	300	132	2000-4000	4500×1600×2300	7600
EBW-500	500	160	3000-8000	4500×1600×2500	8200
EBW-1000	1000	350	4000-15000	5500×1800×3200	12500

Professional technical supports & Processing Machines

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



Office



Fine process center



Fine process center



Polishing center



Welding



Grinding

Maintenance & Services

1. Before order, customer can take materials to our lab and make test grindings, spot-testing parameters like particle size distribution, obtain reliable data for model selection;
2. With three years of spare parts inventory to ensure normal use and make you to be in trouble free;
3. Within 12-months warranty period, we promise to change damaged parts free of charge by air or by sea;
4. Meanwhile, our skillful grinding experts can offer you free professional technical consulting and service.