

## BP-8175-A

### DOUBLE ROLL MILL/ELECTRIC HEATING TYPE/CONSTAND SPEED

This experimental mill is suitable for the mixing and dispersion of polymers such as plastic raw materials, masterbatch particles, pigments, etc. The machine adopts an electric heating special mold, with a uniform surface temperature of the rollers. The attached roller distance fine-tuning device and the upper and lower three-dimensional safety protection, making it easy to operate and safe to use.

1. Temperature range: Normal temperature~300℃
2. Temperature controller: LED digital display, with button setting input and value display output
3. Temperature accuracy:  $\pm 3.5^{\circ}\text{C}$
4. Heating method: Electro-thermal tube
5. Heating-up time: Normal temperature~200℃, about 30min
6. Heating power: 5KW
7. Rotation ratio: 1:1.27
8. Roller size:  $\varnothing 120 \times L320\text{mm}$
9. Roller gap: 0.1~8mm adjustable
10. Surface of roller: HRC60 mirror chrome plating
11. Motor: 1.5KW heavy duty gear motor
12. Security protection: Stop while pulling rod, inversion with knees, protective fence and other security devices
13. Castors: Heavy duty universal movable adjustable support casters.
14. Dimension: 990×390×1150 (W×D×H)mm
15. Power supply: 3  $\phi$  , AC380V, 21A, three-phase and five-line power supply (The connection port is provided by the customer.)
16. Weight: About 375kg

#### Accessories:

- One piece of scraper and tray
- One piece of Manual and Quality card

#### Feature

1. The temperature of the electric heating type can reach 300℃, the oil heating type can reach 250℃, the electric hot water cooling type and the oil hot water cooling type can reach 300℃ and 250℃ respectively. Besides, there are the rubber type and desktop type, can meet the plastics of most rubber compounds.
2. Imported high-precision LED or PLC process control display. The hear mould tube distributed on the density basis after special designing and precise heat transfer path inside the roller can ensure the uniformity of the temperature of the surface.
3. Precision lead screw is adopted to adjust roller space which is lightweight and easy to use. The accurate scale indication and the lock device will ensure the thickness of the gracked glaze.
4. Rollers are made of SKD chromium-molybdenum steel. With the surface-layer processing of carburization, chromium plating and polishing, the hardness reaches 60HRC, making the plates durabel and easy to clean.
5. It imports gear reducer motor and ground chain with stable drive and low operation noise. Stepless frequency conversion, single speed governing or double speed governing control can be selected. The rotation speed of the rollers can be

adjusted at will with the speed range of 0-35rpm.

6. This equipment is equipped with three-dimensional security devices with high operation security. Emergency stop rod is set on the top of the roller. Once it was touched, the rotating roller will be stopped immediately. Reversal stop device is set in front of the machine. Touch reversal doors with knees, the roller will stop after reversal turning 1/3.
7. All electrical control components adopt imported brand appliances. The circuit control is allocated in accordance with CE or higher standards with stable product performance, reliable and durable.
8. The machine parts are neatly processed, the lines are washed with chain flow lines, and the surface is electroplated or cold-colored paint. The appearance of the product condenses a perfect and high-quality sense of value.

