

BP-8175-AL

OPEN MILL/ELECTRIC HEATING WATER COOLING TYPE/PLC CONTROL

This experimental type open mill is suitable for the mixing and dispersion of natural rubber and plastic raw materials. The machine's twin-roll mirrors are chrome-plated and internally heated and water-cooled to balance surface temperatures. Equipped with powerful roller distance adjustable device and three-dimensional safety protection device, easy to break and durable.

1. Temperature range: Normal temperature~300°C
2. Controller: PLC programmable color touch screen, man-machine interface system, roller temperature, roller revolutions, all the parameters can be set arbitrary and control
3. Heating method: Electric heating
4. Cooling system: Tap water cooling
5. Temperature accuracy: $\pm 3.5^{\circ}\text{C}$
6. Roller size: $\varnothing 150 \times L320\text{mm}$
7. Roller revolution: Constant speed/speed governing (optional)
8. Roller material: SKD chrome-molybdenum alloy, surface treated by carburizing, chrome plating, polishing and other processes, rockwell hardness up to 60HRC.
9. Security protection : Stop while pulling rod, protective grille, inversion with knees and other security devices
10. Dimension: $1000 \times 530 \times 1150$ (W×D×H)mm
11. Power: 3 ϕ , AC380V, 21A Three-phase and five-line power supply
12. Weight: About 485kg

Feature

1. The temperature of the electric heating type can reach 300°C, the oil heating type can reach 250°C, the electric hot water cooling type and the oil hot water cooling type can reach 300°C and 250°C 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 heat 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 cracked 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 durable 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.

