

BP-8175-E

## **DOUBLE ROLL MILL/AUTOMATIC GAP ADJUSTMENT/ AUTOMATIC FLIPPING TYPE**

This double roll mill is a fully automatic model with automatic gap adjustment and automatic flipping. Eliminate the intensity and errors caused by manual operation and labor, ensuring the accuracy and repeatability of the product.

1. Operation mode: Automatic flipping materials
  2. Temperature range: Normal temperature~300°C
  3. Controller: PLC programmable color touch screen, man-machine interface system, temperature, speed, time, gap and other parameters can be set and controlled
  4. Heating method: Electric heating
  5. Heating power: 7.5KW
  6. Heating-up time: Normal temperature~150°C, about 30min
  7. Cooling system: Tap water cooling (The water connection port is provided by the customer.)
  8. Temperature accuracy:  $\pm 3.5^{\circ}\text{C}$
  9. Roller size:  $\varnothing 150 \times L320\text{mm}$
  10. Revolution ratio: 1:1.4
  11. Roller gap: set value, electrically adjustable
  12. Gap adjustment accuracy: 0.01mm
  13. Roller speed: 0~40r/min single frequency control
  14. Surface of roller: HRC60 mirror chrome plating
  15. Motor: 5.5KW heavy duty gear motor
  16. Security protection: Stop while pulling rod, inversion with knees, protective fence and other security devices
  17. Casters: Heavy duty universal mobile adjustable support casters
  18. Volume: 1000×530×1150 (W×D×H)mm (Not including adjustable electric cabinet)
  19. Power supply: 3  $\phi$  , AC380V, 21A, three-phase and five-line power supply (The connection port is provided by the customer.)
  20. Weight: About 485kg
- Accessory:
1. One piece of scraper and tray
  2. Manual and Product quality assurance card

### **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 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 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.

