

Automatic PET Rotary Blowing Machine XLRCL-10



XLRCL- 10 Main feature of XLRCL- 10 The XLRCL-10 fully automatic rotary PET bottle blowing molding machine is designed and built by our advanced technology, the machine produce the PET bottle with high pressure compressed air. The whole operation process is of self control and is free of manual.

Feature

The Automatic PET Rotary Blowing Machine is equipped with advanced process, which has longer service life for use and there is no special need of maintaining. Due to the proper size and compact design, it can be placed everywhere in order to help release space of limited places. A stable infrared heating system and an independent heat balance device ensure that the temperature of the preform is stable, the color of the bottle is uniform, and the output is improved. The heater is controlled by ten segments of far infrared rays. The heating lamps in the preheating zone and the regulating zone can be controlled separately according to different processes.

The Automatic PET Rotary Blowing Machine features a real-time monitoring system to ensure the stability of the process. According to the spectrophotometer and the ligament reflective paint coating, the new building block furnace and the specially designed infrared heating lamp can save more energy in the oven. Compared with products of the same quality, our heating system can save 10% to 20% of energy.

Technical Parameter:

Section	Item/Unit	Parameter
Blowing section	Blowing station	10
Working high of the preform (from preform supporting ledge to ground)	About 1.6m	
Heating section	Heating oven	10
Heater layer	8	
Electrical	Voltage	380V
Frequency	50/60Hz	
Installation power	power	185kw/h
Average running power	100-150 kw/h (Auxiliary equipments are excluded)	
Air supply	Low pressure air	7-8 bar
	Low pressure air consumption(by high pressure transit)	5 m ³ /min
	High pressure air	35~40bar
	High pressure air consumption	8 m ³ /min
Chilling water	Pressure	5bar
Chilling water for heating section (chilling water temperature ≤20°C)	Flow	4 m ³ /h
	Power	9kw
	Pressure	8bar
Chilling water for 2 body mould water temperature ≤5~12°C)	flow	6 m ³ /h
	power	11 kw
	Pressure	8bar
Chilling water for bottom mould chilling water temperature ≤5~12°C)	flow	2 m ³ /h
	power	6 kw
	Pressure	8 bar
Total weight	Blowing section +heating section +electrical cabinet	16 T
Overall dimension	Blowing section(L×W×H)	4120mm×3080mm×3620mm
	Heating section(L×W×H)	4420mm×1860mm×3200mm
	Unscramble section (L×W×H)	6000mm×5100mm×4100mm
Preform	High	≤170mm
	Inner diameter	Φ14mm~Φ26mm
	Supporting ledge	Φ26mm~Φ36mm
Bottle	Diameter of round bottle	Φ50mm~Φ100mm
	Bottle diagonal size	50mm~100mm
	Max height	≤330mm
	Max volume	≤1.5L
material	PET	
Capacity	18000 BPH (600ml) (depends on preform and bottle design)	