



Sakos Machinery

## *Plastic Water Bottle Blow Molding Machine SKS-2000*



SKS-2000 Plastic water bottle blow molding machine is controlled by PLC. The whole process from preform feeding to bottle discharging is completed automatically with advantages of labor saving and no pollution. HY-2000 consists of three main parts: preform loading system, Heater channel & blow station.

### **Features**

1. Advanced PLC control system, stable performance, automatic feeding of bottle embryo.
2. By rotating the bottle itself and rotating in the infrared preheater at the same time in the track, the bottle has strong permeability and good and fast heat distribution
3. Height adjustability: the length of the lamp tube and reflector in the preheating area and the permanent temperature in the preheater are adjusted by using an automatic thermostatic device, so that the preheater can preform preforms in shape.
4. Each mechanical action is equipped with safety automatic locking device, so it has high safety. Once some program fails, the program will become safe.
5. The cylinder drives the oil without oil pollution, and the noise is low Pump.
6. Route design is divided into two parts

<b>Container</b>	<b>Max Volume</b>	<b>L</b>	<b>2</b>
Max Neck Diameter	mm	38	
Max Container Diameter	mm	65	
Max Container Height	mm	240	
Cavity		2	
Theoretical Output	bph	2000(*)	
Electrical	Clamping force	KN	300
Heating Power	Kw	30	
Max Heating Power	Kw	40	
Air Compressor	Operating Pressure	Mpa	0.7
Low Pressure Consuming	L/min	1400	
Blowing Pressure	Mpa	3.0	
High Pressure Consuming	L/min	2400-3600(**)	
Chiller	Pressure	Mpa	0.3-0.5
Flow Rate	L/min	30	
Machine	Machine Size	m	3.00x1.85x2.03
Machine Weight	Kg	3500	