

AK-31B Semi-automatic Bottle Blow Molding Machine



AK-31B semi-automatic bottle blow molding machine is suitable for producing PET plastic containers and bottles from 5-10L. It is widely used to produce the carbonated bottle, mineral water pesticide bottle oil bottle cosmetics, wide-mouth bottle and hot fill bottle etc.

Specification:

1. Adopting double crank to adjust mould, heavy locking mould, stable and fast, Adopt infrared oven to heat the perform, the perform rotated and heated equally.
2. The air system has been divided into two parts: pneumatic action part and bottle blow part to meet the different requirements for the action and blow. It can provide sufficient and steady high pressure for blowing large irregular shaped bottles.
3. The machine is also equipped with muffler and oiling system to lubricate the mechanical part of the machine.
4. The machine can be operated in the step-by-step mode and the semi-auto mode.
5. The machine is small with low investment, easy and safe to operate

Technical parameter

Name	Item	Unit	Details
Blowing machine	Dimension	mm	1600*600*1610mm
	Weight	kg	500
	Bottle volume (max)	ml	5000
	Bottle volume (min)	ml	3000
	Bottle Neck Diameter (max)	mm	50
	Bottle Neck Diameter (min)	mm	30
	Body Diameter (max)	mm	200
	Body Height(max)	mm	420
	Number of Cavities	mold	1
	Production output	pcs/h	400BPH
	Clamping force	T	5.7 (56KN)
	Mold thickness	mm	200 (max)
	Mold width	mm	360x390
	Space between Tie-bars	mm	120-220
	Diameter of Tie-bars	mm	63
	Scope of Tie-bars	mm	405
	Mold stroke	mm	160
	Stretching stroke (max)	mm	420
	Working pressure	Mpa	0.8-1.0Mpa
	Blowing pressure	Mpa	2.0-3.0Mpa
Voltage/Power	V/KW	220V/1KW	
Weight	Kg	500	
Pre-heater	Dimension	mm	1870*630*1450mm
	Weight	kg	260
	Voltage/Power	V/KW	380V/14KW