



HEFEI ZHONGCHEN LIGHT INDUSTRIAL MACHINERY CO., LTD

CENTRAL INTERNATIONAL MACHINERY CO., LTD.

ADD: No.206, Jinxiu Road, Hefei, 230601, Anhui Province, China

TEL: +86-551-62552075/62552070 WEB: [www.hfqj.com](http://www.hfqj.com)



### General Introduction:

The machine model is CP06, designed with 6 cavities, being widely used for beverage PET bottle blowing, technical specs and descriptions as following:

### A. Main Technical Parameters:

Machine Specifications and descriptions		
Type		<b>Automatic Rotary Blowing machine</b>
Mold Cavities	No.	6
Nominal output for 350mL, bottle (*)	pcs/hr	7,200 (max. 8,000)
Rate of finished product(*)	%	≥98.00
Max. bottle body diameter	mm	110



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Max. bottle height	mm	330
Max. neck diameter	mm	38
Max. bottle volume	L	1.5
<b>Machine Dimensions and weight</b>		
Main machine size ( Length) * (Width)* (Height)	mm	2230×1950×3050
Net Weight	kg	7300
Oven size ( Length) * (Width)* (Height)	mm	3904×1152×1935
Oven Weight	kg	3000
Preform Elevator (Length)*(Width)*(Height)	mm	4717×4823×3850
Elevator Weight	kg	2000
<b>POWER</b>		
Power supply	V/Hz	480V/400/220V, 60/50Hz/3-phase, as per customer
Main inlet cable diameter	mm <sup>2</sup>	95
Total power installed	KW	154
Main motor power	KW	5.5
Average power consumption	KW	72
Low voltage	V	DC24V
Wire system	/	3PH+N+PE or customized
<b>Preform Heating Oven</b>		
Oven zone and pitch	mm	4zones/50mm
Heating groups * pcs	No.	8x8+4
Heating time	S	41
<b>Compressed Air (**)</b>		
HP air for blowing	bar	35~40bar
HP air consumption	m3/min	12
LP air for machine motion	Bar	7
LP air consumption	m3/min	2.7, recovered from high pressure
<b>Cooling / Heating System (**)</b>		
Base mold:		
Water inlet temperature	°C	80



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Water inlet pressure	bar	3~5
Body mold:		
Water(oil)inlet temperature	℃	150
Water(oil)inlet temperature	bar	3~5
<b>Connections</b>		
LP air inlet	Inch.	1
HP air inlet	Inch.	2
Cooling water inlet	Inch.	2

**B. Main Components Standard**

No	Items	Brand	Country
1	Main motor	SEW	Germany
2	Inverter	Danfoss	Denmark
3	PLC	SIEMENS	Germany
4	Touch screen/HMI	SIEMENS	Germany
5	Low-voltage apparatus	Schneider/SIEMENS/AB	Germany/USA
6	Infrared heating lamp	Shangwei	China
7	Infrared thermometer	OPTEX	Japan
8	Encoder	KOYO/Sick	Japan/Germany
9	Limit switch	OMRON	Japan
10	Photoelectric switch	OPTEX/Sick	Japan/Germany
11	Proximity switch	Baumer/GARLO	Switzerland
12	Intermediate relay	OMRON/Weidmuller	Japan/Germany
13	Aviation plug	HARTING/SIBAS	Germany/China
14	Torque force clutch	R+W	Germany
15	Low pressure solenoid valve	AIRTEC/FESTO	Germany
16	High pressure solenoid valve	Seitz/NORGREN	Switzerland/Britain