



Automatic Extrusion Blow Molding Machine JKB-series



1. Summary:

Our automatic extrusion blow molding machine mainly applies to the production of plastic bottle, jar, can or barrel and some small containers of irregular shape made of PVC, PE, PP and so on.

2. Application:

Apply to produce the container with the volume below 5L.

3. The characteristic of pneumatic series:

- * Pneumatic clamping, tight structure
- * With pneumatic components as main structure of clamping system, it is easy to be repaired and maintained.
- * The machines of pneumatic series are relatively light and easier to be moved or transported.
- * The cost of the purchasing machine is lower.

4. The main structure of the machine:

- * Extrusion components
- * Mold closing components
- * Head heating components
- * Electrical controlling system
- * Air compressor system
- * Wall thickness controlling system (can be collocated)
- * Auto de-flashing system (can be collocated)

5. The main configuration:

We adopt the electrical and pneumatic components of international big brand, so the performance of the machine is superior.

- * PLC Siemens
- * LCD Hi-tech
- * Transducer Hi-tech
- * Breaker Delixi
- * Cylinder FESTO etc.

In addition, we can reconfigure according to our client's need

6. The parameter of pneumatic series:

Item	unit	Model						
		JKB45	JKB45-20	JKB45-S	JKB45-20S	JKB55	JKB55-20	JKB55-S
Screw Dia.	mm	Φ45	Φ45	Φ45	Φ45	Φ55	Φ55	Φ55
Screw Speed	rpm	11.3-113	11.3-113	11.3-113	11.3-113	10-100	10-100	10-100
Screw L/D Ratio	L/D	25	25	25	25	22	22	22
Melting Capacity	kg/h	35	35	35	35	50	50	50
Heating Zone	zone	3	3	3	3	3	3	3
Heating Power	kW	8.25	8.25	8.25	8.25	10.5	10.5	10.5
Driving Power	kW	7.5	7.5	7.5	7.5	11	11	11
Max Volume	L	1.8	1.8	1.8	1.8	3	3	3
Mould Opening	mm	140	140	140	140	180	180	180
Mould Thickness	mm	140-180	140-180	140-180	140-180	180-220	180-220	180-220
Efficient Molding Dim	mm	250x320	250x320	250x320	250x320	285x380	285x380	285x380
Space Between Two Die heads	kN	110	110	110	110	110/130	110/130	110/130
Camping Force	mm	25	25	25	25	40	40	40
Max Die Diameter	MPa	Φ50	Φ50	Φ50	Φ50	Φ70	Φ70	Φ70
Air Pressure	MPa	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Blowing Pressure	kW	0.4-0.8	0.4-0.8	0.4-0.8	0.4-0.8	0.4-0.8	0.4-0.8	0.4-0.8
Head Heating Power	mm	5	5	5	5	8	8	8
Vice-Screw Dia.	kW	-	Φ20	-	Φ20	-	Φ20	-
Vice-Screw Driving	m	-	0.75	-	0.75	-	0.75	-
Machine Dimension (WxLxH)	m	1.9x1.7x2.3		2.6x1.7x2.3		1.84x1.4x2.4		2.7x1.4x2.4