

BJC-A

Semi-Automatic Capsule Filling Machine



**EQUIPMENT
TECHNICAL DOCUMENTS**

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BJC-A Semi-Automatic Capsule Filling Machine



MACHINE INTRODUCTION

The machine is adopted programmable control system, touch panel operation, stepless transduction speed shift, and electronic automatic counter. It can automatically complete the action of position, separation, filling, locking, etc. The filling dosage is accurate, and the operation is very convenient. The overall machine is made of good quality stainless steel, and the machine is suitable for capsules which filled with powder and pellet.

FEATURES

1. Suitable for filling #000-#5 capsules A-E type.
2. It can fill different kinds of materials such as powder, granules, pellets, pills, etc.
3. PLC control, filling dosage accurate is over than 97%. The touch panel can be changed to touch screen for free.
4. Easy to operate, mold change time no more than 15 minutes.

TECHNICAL PARAMETERS

Model	BJC-A
Mould changing time	5-10mins
Production capacity	25000-30000 pcs/h(depend on capsule size)
Suitable capsule size	000#、00L、00#、0L#、0#、1#、2#、3#、4#、5#、
Filling type	Pellet, powder without moisture, granules
Power	4.0kw
Compressed air	0.03m ³ /min 0.7Mpa
Vacuum pump	Pumping rate 40m ³ /h
Overall dimension of machine (L*W*H)	1140×700×1630mm
Overall dimension of package (L*W*H)	1720×870×1750mm
Air cargo outsourcing size	1650×800×1450mm
Net weight	380 kg
Gross weight	500kg

ELECTRONIC PART LIST

No.	Name	Type	Brand	Qty	Remark
1	Single-stage Rotary Vane Vacuum	XDB-040	HHongyi	1	
2	Three-phase Asynchronous Motor	Y263M2-4	Guan Jia Transmission	2	
3	Three-phase Vertical Gear Reduction	GV-22400W-5:1	rehoboth	1	Mute
4	Converter	SC3SER 1ES	Shi Ling	3	
5	Guan Jia Transmission	NMRV40-63B5-15:1	Guan Jia Transmission	1	
6	Worm Gear and Worm Reducer	WPWD-50-40:1	Guan Jia Transmission	1	
7	Intermediate Relay	LYZN-J24VDC	Omron	4	
8	Alternating Current Relay	LCIE12	Schneider	2	
9	Breaker	DZ47-63 D20	Schneider	1	
10	Breaker	DZ47-63 C6	Schneider	1	
11	Emergency Switch	XBZ-BS542	Schneider	1	
12	control panel	PC	Yongsheng Industrial Control	1	
13	Filling Cylinder	SC50X125	AirTAC	1	
14	Locking Cylinder	MAL100X30	AirTAC	1	
15	Air Filtering Pressure Regulating	AFR-2000	Stark	2	
16	Photo switch	GL-8F	Japan Shenshi	1	
17	Proximity Switch	EZE-X5ME1	Schneider	1	
18	Filling button	AD16	chint	1	
19	Jog/Auto knob	BZ101C	Schneider	1	
20	Button	BWB31C	Schneider	4	
21	Electromagnetic valve	4V210-08	AirTAC	1	
22	Foot valve	G522R	Stark	1	



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