



## MODEL QJ-65C

| No | Item Description                      | Specs                      | Qty (Set) |
|----|---------------------------------------|----------------------------|-----------|
| 1  | QJ-65C Automatic blow molding machine | For Max 1.5L PP,PE bottle  | 1         |
| 2  | LP Air compressor                     | 1.05m <sup>3</sup> *1.0Mpa | 1         |
| 3  | Air filter                            | 30KG                       | 1         |
| 4  | 1000ML blowing mould                  | 1 Cavity                   | 4         |

### Details of Machine

#### 1.GENERAL INTRODUCTION

QJ-65C fully automatic extrusion blow molding machine is suit for Max 1.5L,PE,PP,PVC bottles. It's output is 400~500 bottles per day. Our machine is small in size, low in energy consumption and high in productivity. And also our company can offer the relevant mould for you every need.

#### 2.TECHNICAL DATA

| Type   | Item                    | Unit   | Technology Data  |
|--------|-------------------------|--------|------------------|
| QJ-50C | Suitable Raw Material   | /      | PE,PVC,PP,PS etc |
|        | Max. Volume of Product  | L      | 1.5              |
|        | Theoretical capacity    | Pcs/hr | 450-500          |
|        | Screw Diameter          | mm     | 65               |
|        | Screw L/D Ratio         | L/D    | 23:1             |
|        | Screw Speed             | r.p.m  | 15-90            |
|        | Plasticizing Capacity   | Kg/hr  | 55               |
|        | Extruder Power          | Kw     | 11               |
|        | Heater Power            | Kw     | 15               |
|        | Mould frame Quantity    | Set    | 2                |
|        | Mould Number            | Set    | 4                |
|        | Clamping Stroke         | mm     | 150              |
|        | Compressed Air Required | Mpa    | 0.7              |
|        | Machine Weight          | Kg     | 2200             |
|        | Dimension               | m      | 3.3*1.5*2.0      |

Note: Due to continual improvement, specifications are subject to change without notification. Please refer to the latest actual machine.

#### Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!

### 3.MAIN COMPONENTS

|                      |                                                                                                        |
|----------------------|--------------------------------------------------------------------------------------------------------|
| 1. Electrical system | 1. PLC: Mitsubishi(JAPAN)                                                                              |
|                      | 2. Touch screen: Mitsubishi(JAPAN)                                                                     |
|                      | 4. Inverter: EJRA (SINO-JAPAN JOINT)                                                                   |
|                      | 6. Time relay: CHNT(CHINA)                                                                             |
|                      | 7. Proximity switch: CHNT(CHINA)                                                                       |
|                      | 8. AC Conductor: EJRA (SINO-JAPAN JOINT)                                                               |
|                      | 9. Control switch: CHNT(CHINA)                                                                         |
|                      | 10. Breaker: CHNT(CHINA)                                                                               |
|                      | Mode: Bi-directional synchronous structure to clamp the mould                                          |
|                      | Driving mode: differential fast mould motion with double pulling rods to assure large container volume |
| 2. Clamping unit     |                                                                                                        |
| 3. Die               | Structure:with accumulator head                                                                        |
|                      | Runner: first-in first-out                                                                             |
|                      | Material of runner parts: 38CrMoAlA; 42CrMo                                                            |
| 4.Extruder           | Driving mode: frequency control                                                                        |
|                      | Reducer gearbox: hard surface gear of alloy-steel                                                      |
|                      | Material of barrel & screw: fine quality nitride steel 38CrMoAlA                                       |
|                      | Screw head: plate abrasive-resistant alloy                                                             |
| 5.Pneumatic parts    | Heater: cast aluminum heater                                                                           |
|                      | Main valves: AIRTAC (TAIWAN)                                                                           |



### Auxillary equipments

|                                                                                       |                                   |                     |                 |
|---------------------------------------------------------------------------------------|-----------------------------------|---------------------|-----------------|
| 1. Low-pressure Air compressor                                                        |                                   |                     |                 |
|   | Item                              | Unit                | Technology Data |
|                                                                                       | Power                             | Kw/HP               | 11/15           |
|                                                                                       | CYL.DIA.xCYL.NO.                  | mm                  | φ125×2<br>φ70×1 |
|                                                                                       | Air flow                          | m <sup>3</sup> /min | 1               |
|                                                                                       | Pressure                          | MPa                 | 3               |
|                                                                                       | Tank                              | L                   | 280             |
|                                                                                       | Speed                             | rpm                 | 700             |
|                                                                                       | N/W                               | Kg                  | 500             |
|                                                                                       | Outside Dimension                 | mm                  | 1760×600×1250   |
| 2. Air filter                                                                         |                                   |                     |                 |
|  | Item                              | Unit                | Technology Data |
|                                                                                       | Processing flow                   |                     | 6               |
|                                                                                       | Interface diameter                | "                   | 1 1/2"          |
|                                                                                       | Working Pressure                  | Mpa                 | 1               |
|                                                                                       | Pressure loss range               | cbm                 | <0.005          |
|                                                                                       | Filtering aperture                | um                  | <5              |
|                                                                                       | Filtering accuracy                |                     | <10             |
|                                                                                       | Working temperature               | "                   | ZG1"            |
|                                                                                       | Water removal rate( liquid water) | mm                  | >99%            |
|                                                                                       | Shape dimension                   | mm                  | 135×280×900     |