



## *(Beer, Beverage) Industrial Filling and Sealing Combination Machine*



The machine is suitable for filling and sealing carbonated drink beer and beverage in the industrial pop can beverage field. The filling and seaming are of integral design. The principle of equal pressure filling is adopted. During filling, after the empty can reach into the can lifting cylinder after passing through the pneumatic triplex parts, and the empty can is raised and the conical seal gasket under the filling valve is sealed. The position turning block of the filling valve turns the position and opens the valve under the action of another cylinder. The air is filled into the empty can to form equal pressure. From a large material barrel, the beer passes through 14 small conduits and flows into the empty can. When the liquid level in the empty can blocks the gas return pipe mouth, then the filling stops. Under the action of the arm, the de-foaming valve will slowly discharge the air and pressure, the can supporting cylinder will continue to fall. After it is discharged, the can is sent to the sealing machine for sealing by the hook chain that runs synchronously. During the sealing, the sealing wheel carries out pre-sealing and then real sealing. After it is sealed, the can is pushed out by the beating head of the cap beating mechanism and then dialed by the dial to the conveyor belt for conveying

### **Technical Parameters:**

| Item         | unit     | index          |                |                |                |
|--------------|----------|----------------|----------------|----------------|----------------|
|              |          | ≤100           | ≤150           | ≤200           | ≤300           |
| Capacity     | Cans/min | ≤100           | ≤150           | ≤200           | ≤300           |
| Diameter     | Mm       | Φ53~65         | Φ53~65         | Φ53~65         | Φ53~65         |
| Height       | Mm       | 70~175         | 70~175         | 70~175         | 70~175         |
| Filling unit | Unit     | 12             | 20             | 24             | 32             |
| Sealing unit | Unit     | 4              | 4              | 4              | 6              |
| Power        | Kw       | 7.5            | 7.5            | 7.5            | 7.5            |
| Weight       | T        | 3.5            | 4.5            | 4.5            | 5.5            |
| Dimension    | Mm       | 2700×1500×2000 | 3400×1950×2000 | 3400×1950×2000 | 3400×1950×2000 |