



# CGFD series Flushing Isobaric Filling and Capping Three in One Machine



The CGFD series of bottle flushing, filling, and capping units have introduced advanced gas filling technology from abroad, making it an efficient fully automatic liquid packaging equipment.

This machine is suitable for packaging carbonated beverages and has the following characteristics: the filling cylinder, filling valve, and other components that come into direct contact with the material are made of high-quality stainless steel or non-toxic materials, which meet food hygiene requirements; The sealing element is made of heat-resistant rubber, which meets the process requirements of high-temperature disinfection for users; The PLC programmable controller is used to achieve fully automatic control from bottle feeding to packaging completion. The variable frequency speed control is adopted, which is easy for users to adjust and prepare, meeting the production capacity requirements of different processes; The principle of equal pressure filling and spring valve are adopted to ensure the quality of the beverage. An advanced magnetic clutch adjustment cap torque device is used to ensure the quality of the cap.

## Technical Parameters

| 主要技术参数 Main Technical parameters                |                |                |                |                |                |                |                    |                |
|-------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------|----------------|
| 型号<br>Model                                     | CGFD16126      | CGFD18186      | CGFD24248      | CGFD32328      | CGFD404012     | CGFD505012     | CGFD606015         | CGFD808020     |
| 冲洗/灌装/旋盖头数<br>Filler/Capper heads               | 16-12-6        | 18-18-6        | 24-24-8        | 32-32-8        | 40-40-12       | 50-50-12       | 60-60-15           | 80-80-20       |
| 适用瓶型规格<br>Bottle diameter (mm)                  | $\phi=50-100$  |                | $H=170$        |                | $330-1500ML$   |                | $\phi 50-\phi 110$ |                |
| 生产能力 (350ML)<br>Production capacity 瓶/小时 (b/h)  | 2000-4000      | 4000-6000      | 8000-10000     | 10000-12500    | 12500-15000    | 16000-20000    | 20000-24000        | 26000-32000    |
| 灌装温度<br>Filling temperature (°C)                | 0-5            |                |                |                |                |                |                    |                |
| 灌装压力 (MPa)<br>Filling pressure                  | 0.15-0.35      | 0.15-0.35      | 0.15-0.35      | 0.2-0.4        | 0.2-0.4        | 0.2-0.4        | 0.2-0.4            | 0.2-0.4        |
| 电机功率<br>Motor power (kw)                        | 2.2+0.55+0.12  | 2.2+0.55+0.18  | 3+0.55+0.18    | 5.5+0.55+0.18  | 7.5            | 11             | 15                 | 19             |
| 外形尺寸 (长×宽×高) mm<br>Overall dimension (L×W×H) mm | 2300×1600×2500 | 2600×1920×2550 | 3100×2200×2800 | 3850×3000×2850 | 4850×3800×2750 | 5750×3550×2750 | 6500×5500×2750     | 7680×6640×2650 |
| 重量<br>Weight (kg)                               | 2800           | 3650           | 4800           | 6800           | 8650           | 10500          | 12800              | 15000          |