



HF-WZJ-A Aseptic Brick Carton Filling Machine



Full Automatic Brick type cartons fill and seal packaging machine for milk and beverage

Work flow:

Put rolling cardboard into holder (manually) → Bottom preforming → Bottom heating and sealing → Ultrasonic capping (Optional) → Filling → Top preforming → Top heating and sealing → Date printing → Finished product-stick the straws to the finished products(Optional)- output.

Machine features:

1. Automatic feeding, sterilization, box making, filling, forming and sealing functions are completed in one time. The composite material is sprayed with hydrogen peroxide and high-intensity ultraviolet radiation and dried by aseptic hot air.
2. The machine's PLC, photoelectric correction, frequency control. Pneumatic, solenoid valve, vacuum system, liquid level control, intelligent electronic temperature control. Automatic fault alarm system. Sterile room Dengjun Germany, Japan and other countries with well-known brands the whole machine is made of stainless steel, the appearance of beautiful, easy to operate. Using quality weighing system control, quantitative filling, filling more accurate;
3. The use of mirror welding technology to ensure smooth weld formation, leaving no health corner;
4. Product valves and filling head moving parts using steam barrier protection, filling room with steam sterilization;
5. Using programmable logic controller for automatic device operation
6. Product warranty period: Using paper based composite packaging material, the shelf life is 12 months at room temperature of 25 to 30 degrees.

7. Suitable for packing material: Polyethylene / paper (cardboard) / polyethylene / aluminum foil / polyethylene / polyethylene six layer web base composites

Machine Parameters:

| Type | Automatic |
|---|--|
| Filling volume | 125ml, 200ml, 250ml, 500ml, 1000ml ±5ml Base |
| Product name | Aseptic carton filling machine |
| Shelf Life | Juice 9-12 months |
| | Milk 6 months |
| Filling speed | 1500-3000 cartons per hour |
| Overall dimensions | 4000mm(L)x 2000mm (W)x 3800mm(H) |
| Entrance size | 2000mm(W)x3200mm(H) |
| Weight | 8500kg |
| Total Power | 49kW (actual power consumption 23kW) |
| Power Source | 50Hz, 380/220V |
| Operating system | Human machine interface |
| Chilling system | Pure water |
| Operational environment | Temperature 10-32°C, Humidity 20-60% rh |
| Air source pressure | 0.8-1.0MPa |
| Air consumption | 1.2m ³ /min(0.8MPa-1.0MPa) |
| Filling content temperature | 15-25°C |
| Steam consumption | 2.4kg/hr (130±5°C, 0.17±0.03MPa) |
| Filling content viscosity | <30cP |
| H ₂ O ₂ concentration | 30-50% |
| H ₂ O ₂ usage amount | 1.4-2.5L/hr |
| Purified water usage amount | 15L/hr (0.3-0.45Mpa,<20°C) |
| Lubricating oil type | 320# |