



Carton Juice Milk Vinegar Filling Machine



This carton filling machine is suitable for milk, yogurt, cream, beaten egg, soy milk, juice, tea drink, corn drink, pure water, sauce, wine, spices, cleaning solution, chemical product, sugar, grain, cornmeal, other dry powder, etc.

Features:

This carton filling machine is a kind of small type equipment, in low automation degree and small amount of output. They are specially designed based on for market need. The equipment occupies small area, with low power consumption, and is easily operated and maintained. The price is comparatively low, which is ideal equipment for small and medium-size companies, and companies who want to produce first class carton products with low output.

It includes three parts: carton forming part, capping part, and filling part.

Work flow:

- 1) Carton Forming part: Cardboard → Put the cardboard onto the mandrel (manually) → Bottom heating → Bottom sealing → Top open carton
- 2) Capping part: Put the cap into the carton's capping hole (manually) → Ultrasonic welding → Top Open Carton with Cap
- 3) Filling part: Put the carton onto the conveyor (manually) → Top preforming → Filling → Top heating → Top sealing → Date printing → Finished product

The operation of the filling machine is automatically controlled by computer program, and others are controlled by electric apparatus. The whole progress is controlled by PLC, needs 3 persons to operate.

Technical parameters:

- Output: 1000 cartons/hour
- Packing material: cardboard carton / aluminum foil carton
(Carton bottom size 57*57mm, 70*70mm, 95*95mm, one size for one machine)
- Filling Temperature: cold filling: 2-50°C/ hot filling 80-92°C
- Overall power: 23KW (three phases of electricity)
- Size: (L*W*H): 3.1*0.8*2.6m
- Compressed air pressure: 1.0-1.4 MPa, Flow rate: 0.8-1.0M³/min, without oil, water and dust
- Cooling water: Flow volume: ≥20L/ min Temperature: normal temperature
- Net Weight: 1200kg
- Installation requirement: Smooth floor: cement, floor tile, plastic ground, etc. Do not need to make angle.
- The machine is with carton lifting function to avoid foam forming and splashing when filling juice and milk.