

Beverage Juice Hot Filling Machine RCGF-series



Automatic 3-in-1 Beverage Juice Hot Filling Machine Turnkey Project is special for non-carbonated beverage, such as hot juice, hot tea etc. The washing, pulps filling, juice filling and capping will be finished just by this one machine. Convenient to change bottle size by means of advanced bottle conveying technology—bottleneck clamping & bottle suspending technology. It is innovated and designed in the requirement of water filling technics, on the bases of introducing, digesting and absorbing advanced technology abroad. It is reasonable in structure, safe to operate and easy to maintain, which is an ideal choice for beverage producers.

Main Feature:

- This machine has a compact structure, perfect control system, easy to operate and highly automated.
- The parts contact with product is made of quality SUS, anti-corrosive, and easy to clean.
- By adopting high speed filling valve, the liquid level is precise and no waste. That guarantees the demand of filling technology.
- The capping head adopts constant torque magnetic device to guarantee capping quality and impact cap.
- This machine has a high efficient cap arranging system, perfect cap feeding and protection device.
- Equipped with perfect clean management system to ensure the bottle clean.
- Only by changing the star-wheel, can realize to fill the changed bottle shape.
- The machine adopts perfect overload protective device can ensure the operator and machine safe.
- This machine adopts adjustable frequency converter.
- The main electric components, frequency, photoelectric switch, proximity switch, electric control valves all adopt imported components, which can ensure the quality performance.

- The control system has many functions, such as control producing speed, cap shortage detection, bottle block automatic stop and production counting etc.
- The electric components and pneumatic components are all introduced from world famous brand products.

Technical Parameters:

Model:	RCGF16/12/6	RCGF18/18/6	RCGF24/24/8	RCGF32/32/10	RCGF40/40/12
Production Capacity:	3000-4000	4000-6000	8000-10000	12000-15000	18000-20000
Filling precision	≤2mm (liquid level)				
Quantity of reflux	≤10%				
Suitable bottle standard:(mm)	Bottle diameter: φ50-φ92 bottle height: 150-310mm				
Suitable cap standard:(mm)	Plastic screw cap, φ50-φ110				
Total power(Kw)	5.88	6.88	7.68	9.18	11.28
Overall Dimension (L×W×H, mm)	2100×1500 ×2200	2450×1800 ×2200	2750×2180 ×2200	3600×2800 ×3150	4500×3400 ×3150
Total Weight:(kg)	2500	3000	4000	5000	6000