

Bottle Filling Washing Filling Capping Liquid Machine RCGF-series



This series of equipment is used for hot filling production of tea drinks, fruit juice drinks and other products. This series is a combination of sterilization, filling and sealing. The design is scientific and reasonable, so operate is simple. It is the preferred equipment for hot-filling drinks.

It adopts advanced technologies such as human-machine interface touch control system, PLC computer control, frequency converter control, etc. It has high degree of automation and easy operation.

Technical features:

- 1) It is adopted that direct connection between air conveyor and inlet star wheel instead of screw and conveyor chains, which is easier for bottle changing.
- 2) There is no need to adjust the height of equipment through neck holding tech for bottle transportation. And what is only to change some spare parts.
- 3) High speed filling line is of clamp transferring technology. Bottle shapes are more varied, and the working table inside the machine is more laconic.
- 4) By 3-in-1 monoblock, the bottle goes through rinsing, filling and capping with little abrasion, and the transferring is stable, bottle changing is easier.
- 5) Specially designed stainless steel bottle clamp dose not contact the thread parts of the bottle neck, avoiding the second contamination.
- 6) High speed and large flow filling valve assures the high filling speed and exact fluid level.
- 7) Parts contact with the liquid is all of excellent stainless steel or food level plastic. The electric system is of international brand and achieves the national food sanitary standard.
- 8) The bottle-out star wheel is of screw down shape. When bottle size is changed, there is no need to adjust the transferring chain's height.

Technical Parameters:

Model	RCGF14-12-4	RCGF18-18-6	RCGF24-24-8	RCGF32-32-10	RCGF40-40-12
Capacity(500ml/bottle/h)	1000-2000	3000-5000	6000-9000	10000-13000	14000-16000
Filling precision	≤+5mm(liquid level)				
Filling pressure(Mpa)	0.15-0.35				
Filling temperature(°C)	55-85				
Total power	4.4	4.8	5.5	8	9
Weight(kg)	3200	4500	6500	7500	8500
Overall dimensions(mm)	2300*1800*2200	2600*2000*2200	3050*2300*2300	3650*2800*2400	4000*3150*2500