

## *Automatic Orange Juice Filling Machine RCGF series*



RCGF series 3-in-1 set of machine is mainly used in the beverage filling process. The machine combines washing, filling and capping with complete automation, suitable for filling juice and tea beverage. With temperature controller, it can also conduct thermal filling. It is used for all kinds of bottles. The bottle neck hanging technology makes the process of changing bottles easily by only adapting the height of conveyor chain. The filling process adopts hot filling technology with water-supplying system under constant pressure, which makes filling process faster and more stable. Compared with other equipment of same kind, this machine with a better quality and thus enjoys a high ratio of function against price. The hot filling type machine works with balanced tank and vacuum system.

### **Product Description**

Automatic orange juice filling machine 8000BPH RCGF 24-24-8 technical introduction and working principle:

- 1). Using the wind sent access and move wheel in the bottle directly connected technology; canceled screw and conveyor chains, this enable the change the bottle-shaped become easier.
- 2). Bottles transmission adopt clip bottleneck technology, bottle-shaped transform not need to adjust the equipment level, only change related the curved plate, wheel and nylon parts is enough..
- 3). The specially designed stainless steel bottle washing machine clip is solid and durable, no touch with the screw location of bottle mouth to avoid secondary pollution.
- 4). High-speed large gravity flow valve filling valve, filling fast, filling accurate and no liquid lose.
- 5). Spiraling decline when output bottle, transform bottle shape no need to adjust the height of conveyor chains.
- 6). Host adopt advanced PLC automatic control technology, the key electrical components from famous company such as Japan's Mitsubishi, France Schneider, Siemens.

## Technical Parameters

Model	RCGF18-18-6	RCGF24-24-8	RCGF32-32-12	RCGF40-40-12	RCGF50-50-12
Capacity	5000	8000	12000	16000	20000
Bottle shape	round or square				
PET bottle(mm)	(bottle diameter): $\phi$ 50- $\phi$ 110mm(Height):160-320mm				
Cap	PE screw cap or crown cap				
Filling precision	$\leq \pm 5\%$				
Filling pressure(Mpa)	0.15-0.35	0.15-0.35	0.15-0.35	0.15-0.35	0.15-0.35
Rinsing pressure(Mpa)	0.2-0.25	0.2-0.25	0.2-0.25	0.2-0.25	0.2-0.25
Total Power(KW)	4.2	5.2	6.2	7.8	9.4
Overall size(mm)	2800×2150× 2300	3100×2450× 2300	3800×2800× 2500	4100×3000× 2500	5000×3770× 2750
Weight(Kg)	4500	6500	7500	8500	9500