

## *DCGF-series Carbonated Beverage Filling Machine*



Planet Machinery is a professional manufacturer of carbonated beverage filling machine in China, with quality assurance and support customization.

The carbonated beverage filling equipment is a machine that integrates washing, filling and capping, developed and produced by Planet Machinery absorbing advanced foreign technology. The carbonated beverage filling production line adopts PLC control interface, fully automated operation, stable operation, easy to clean and maintain, the best choice for small and medium-sized beverage filling machinery plants.

### **Features**

1. Integrate bottling washing, filling and capping into one.
2. Including bottle infeed air conveyor, and outfeed conveyor and cap elevator.
3. All parts that contact the bottle and liquid are made of stainless steel or food grade plastic material
4. Bottles are rinsed internally and externally, No bottle, No Rinsing.
5. Precise and Accurate GRAVITY filling valves give even filling in all bottles at the same level, No bottle, No filling.
6. Magnetic capping head eliminates over-tightening of caps, No bottle, No capping.
7. The carbonated beverage filling equipment adopts PLC control and friendly touch screen HMI interface.
8. Adjustable speed by inverter.
9. Fast and easy changeover to various bottle sizes.
10. Unique design bottle neck suspend system makes bottle move smoothly.

## Technical Parameters

Model	DCGF14-12-5	DCGF18-18-6	DCGF24-24-8
Production Capacity:500ml(B/H)	2000-3000	3000-4000	6000-7000
Filling precision	≤±5mm(Liquid level positioning)		
Suitable bottle	Round or square shaped bottle		
PET Bottle	Bottle Diameter:Φ50~Φ100 Bottle Height:150mm~330mm		
Suitable Cap Standard	Plastic Screw Cap		
Rinsing Pressure(MPa)	0.2~0.25		
Water Consumption of Rinsing(Kg/h)	600	700	1500
Air Pressure(MPa)	0.4		
Air Consumption(m <sup>3</sup> /min)	0.3	0.3	0.4
Total Power(Kw)	3	3.3	4.2
Overall Dimensions (L×W×H)(mm)	2260×1600×2350	2350×1900×2350	3300×2300×2400
Total Weight(Kg)	2800	3000	5000

Model	DCGF32-32-10	DCGF40-40-12	DCGF50-50-15
Production Capacity:500ml(B/H)	8000-10000	12000-14000	16000-18000
Filling precision	≤±5mm(Liquid level positioning)		
Suitable bottle	Round or square shaped bottle		
PET Bottle	Bottle Diameter:Φ50~Φ100 Bottle Height:150mm~330mm		
Suitable Cap Standard	Plastic Screw Cap		
Rinsing Pressure(MPa)	0.2~0.25		
Water Consumption of Rinsing(Kg/h)	1800	2500	3000
Air Pressure(MPa)	0.4		
Air Consumption(m <sup>3</sup> /min)	0.4	0.5	0.55
Total Power(Kw)	5.6	6.4	9.8
Overall Dimensions (L×W×H)(mm)	4100×2850×2400	4250×3200×2400	5750×3750×2400
Total Weight(Kg)	6500	8000	9000