

Automatic PET Filling and Bottling Machine DCGF-series



This series of equipment is used in the production of gas-containing beverages, such as Coca-Cola, Sprite, Fanta etc.

This machine is washing, filling and capping 3-in-1, This machine is suitable for all kinds of bottle types. It adopts suspension air conveyor. When change the bottle, It only needs to adjust the conveying width, which is more efficient and labor-saving. This machine adopts isobaric filling type, which is faster and more stable. The machine adopts advanced PLC programming control system, and the electrical components adopt internationally renowned brands. The design of the whole machine is scientific and reasonable, with high output and low failure rate.

Technical features:

- 1) It is adopted that direct connection between air conveyor and inlet starwheel 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	DCGF14-12-5	DCGF18-18-6	DCGF24-24-8	DCGF32-32-10	DCGF40-40-12
Capacity (500ml/bottle/h)	1000-3000	3000-6000	6000-8000	8000-10000	10000-15000
Filling precision	≤+5mm(liquid level)				
Filling pressure(Mpa)	≤0.4				
Filling temperature(°C)	0-5				
Total power(kw)	4.5	5	6	8	9.5
Weight(kg)	2400	3000	4000	5800	7000
Overall dimensions(mm)	2200*1650*2200	2550*1750*2200	2880*2000*2200	3780*2200*2200	4050*2450*2200