



Small Bottle Beverage Fresh Juice Drinking Water Filling Machine CGF-series



This machine is mainly used for the filling of pure water, mineral water and other non-gas and sugar-free beverages in plastic bottles. It is integrated equipment for washing, filling and sealing.

It adopts hanging type air conveyor to make change bottle model more convenient, faster and cleaner. the main machine adopts advanced PLC control technology, the key electric elements adopt international famous products or according to customer's customized.

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 are 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	CGF8-8-3	CGF14-12-5	CGF18-18-6	CGF24-24-8	CGF32-32-10	CGF40-40-10
Capacity(500ml/bottle/h)	1000-2000	2000-4000	4000-8000	8000-12000	12000-15000	15000-18000
Suitable bottle shape	Round bottle or square bottle					
Bottle diameter(mm)	ϕ 49- ϕ 116					
Bottle height(mm)	160-320					
Compressed air pressure(MPa)	0.2-0.8					
Washing medium	Pure water					
Washing water pressure(MPa)	>0.06MPa					
	≤0.2MPa					
Total power(kw)	3.8	4.5	4.8	5.5	7	8.2
Overall dimensions(mm)	2200*1600*1800	2400*1880*2000	2800*2200*2300	3050*2400*2300	3800*2600*2500	4000*3150*2500
Weight(kg)	2880	3050	4300	6400	7450	8550