

Carbonated Beverage Filling Machine DXGF-series



Carbonated beverage filling machine is mainly used in carbonated beverage production line. It adopts PLC to control the whole machine operation. This machine is suitable for bottled soda water, carbonated beverage product, etc with production capacity ranges from 4000BPH to 36000BPH based on 500ml volume.

Features:

1. This machine has a compact structure, perfect control system, easy to operate and highly automated.
2. Only by changing the star-wheel, arch board can realize fill bottle shape change.
3. The parts that direct contact with product are made of SUS 316L stainless steel and no technology corner pockets.
4. Rapid flow, highly filling precision, nicely liquid level without any liquid loss to satisfy the filling process demand.
5. Valve opening device is driven by the cylinder; open the valve in time according to the signal, movements are accurate and reliable.
6. Using deflection regulating valve, continuous control of fluid materials flow, so that hydraulic cylinder to maintain a smaller level fluctuations, to ensure filling accuracy.
7. Equipped with CIP circuit and control procedures, equipment is cleaned in place.
8. The capping head adopts constant torque magnetic device to guarantee capping quality and impact cap.
9. This machine has a high efficient cap arranging system, perfect cap feeding with self-control and self-protection device.
10. The control system has many functions, such as control producing speed, cap shortage detection, bottle block automatic stop and production counting etc.
11. All control is advanced touch-screen operation and realize people-computer dialogue operation.

Technical Parameters:

Type	DXGF14/12/5	DXGF16/16/5	DXGF24/24/8	DXGF32/32/8
Washing Heads	14	16	24	32
Filling Heads	12	16	24	32
Capping Heads	5	5	8	8
Output (BPH)	4000	5000	8000	12000
Dimension (mm)	2360*1770*2700	2760*2060*2700	2800*2230*2700	3550*2650*2700
Power (KW)	1.5	2.2	3	4

Type	DXGF40/40/10	DXGF50/50/12	DXGF60/60/15	DXGF72/72/18
Washing Heads	40	50	60	72
Filling Heads	40	50	60	72
Capping Heads	10	12	15	18
Output (BPH)	15000	18000	21000	28000
Dimension (mm)	4360*3300*2700	4720*3545*2700	5770*5288*2700	6540*4800*2700
Power (KW)	7.5	7.5	11	11