



CGF32-32-10 Mineral Water Bottling Plant



This series of machines are applied to the production of pure water, mineral water, it integrates bottle washing, filling and capping into one body of the machine. It is very convenient to change bottle size by means of advanced bottle conveying technology—bottle neck clamping & bottle suspending technology.

Main Feature

- Ø This machine has a compact structure, perfect control system, easy to operate and highly automatic degree.
- Ø The parts contact with product is made of quality SUS, anti-corrosive, and easy to clean.
- Ø By adopting high speed filling valve, the liquid level is precise and no waste. That guarantees the demand of filling technology.
- Ø The capping head adopts constant torque magnetic device to guarantee capping quality and impact cap.
- Ø This machine has a high efficient cap arranging system, perfect cap feeding and protection device.
- Ø Equipped with perfect clean management system to ensure the bottle clean.
- Ø Only by changing the star-wheel, can realize to fill the changed bottle shape.
- Ø The machine adopts perfect overload protective device can ensure the operator and machine safe.
- Ø This machine adopts adjustable frequency converter.
- Ø The main electric components, frequency, photoelectric switch, proximity switch, electric control valves all adopt imported components, which can ensure the quality performance.
- Ø The control system has many functions, such as control producing speed, cap shortage detection, bottle block automatic stop and production counting etc.
- Ø The electric components and pneumatic components are all introduced from world famous brand products.

Technical Parameters

Model	CGF32-32-10
Production capacity	14 000-15 000 B/H (basis on 500ml bottle)
Filling precision	$\leq \pm 3\text{mm}$ (liquid level)
Suitable bottle diameter	$\phi 50 - \phi 105\text{mm}$
Suitable bottle height	150-320mm
Suitable cap type	plastic screw cap
Water pressure of washing bottle	0.18Mpa
water consumption for washing bottle	3500Kg/h
Spraying position	12
Dripping bottle position	7
Gas source pressure	0.7Mpa
Gas consumption	0.5m ³ /min
Total power	6.57Kw
Overall dimension	3760×2150×2750mm
Total weight	6800Kg