

Carbonated Soft Drink Filling Machine DXGF50-50-12



Carbonated soft drink/water/beverage filling machine is specially designed for small to medium scale production of both still and carbonated soft drinks such as coca cola, spirit, soda water, etc in PET bottles ranging in size from 0.2 to 2 liters, integrating rinsing, filling and capping into one.

Complete Carbonated Drinks Filling Line Includes:

- Water purification system >> Blending system >> Rinsing filling sealing machine >> Labeling and packing machine
- We can offer the complete plant, Here we mainly to introduce the main system - Auto rinsing filling sealing machine

Main Features

- 1) Simple structure, easy in installation and maintain
- 2) Adopting advanced world famous brand components such as MITSUBISHI, SCHNEIDER.
- 3) Easy to change for different bottle shape as long as same bottle neck size
- 4) Separate electricity control box, with PLC program control and touch screen operation
- 5) Equipped with on-line cap sterilizing machine, avoid secondary pollution caused by hand
- 6) Automatic oil adding system

Technical parameter:

Model:	DXGF50-50-12
Capacity:	18000 B/H
Bottle height:	150-330 mm
Bottle diameter:	50-95 mm
Bottle mouth diameter:	26-40 mm
Bottle type:	PET bottle
Cap type:	Flat cap
Material of the water dispenser:	Poly tetra fluoroethylene
Sterilizing heads:	70
Sterilizing time:	over 2 seconds
Rinsing heads:	50
Rinsing time:	over 2 seconds
Filling heads:	50
Filling temperature:	normal temperature
Filling pressure:	0.2-0.4 Mpa
Flow velocity of the valve:	120-150 ml/s
Filling valve material:	SUS316
Filling precision:	±1 ml (After installing weighing system)
Product reservoir tank:	SUS316
Capping heads:	15
Capping torque:	0.6-2.8 Nm (adjustable)
Main motor power:	7.5 kW AC 380V 50Hz IP55
Installation power:	10 kW
Power supply:	380V, 50HZ
Consumption of compressed air:	8 m ³ /min (0.7 MPa/H)
Consumption of rinsing water:	0.4 m ³ /min (0.2-0.25 Mpa)
Co2 pressure	0.35 Mpa
Co2 consumption	10m ³ /h
Dimension:	5980*4160*2700 mm
Weight:	10000 Kg
Working condition:	Humidity: 30-80% no condensation
	Lowest temperature: 5°C
	Highest temperature: 40°C
	Altitude: below 200 m

