

# Aluminum Bottle Aluminum Cap Beverage Automatic Filling Line (Including carbonated machine)

## Introducción detallada :

Our company gives full play to the advantages of technology, information, equipment and corporate management in water treatment and beverage filling to ensure that the latest international water treatment technology and technology are applied to our equipment and solutions.

The Aluminum Bottle Aluminum Cap Beverage Automatic Filling Line is composed of Water Chiller, Double tank soda water mixer and Isobaric three-in-one filling machine.

### Water Chiller HY-10P



Operating voltage: 380V 50HZ

Cooling power: 12KW

Production capacity: 500L/H

Dimensions: 1230\*785\*1310mm

Machine weight: 200KG

Including: compressor + condenser + evaporator

### Double tank soda water mixer HY-WM-01



Voltage: 380V

Power: 4.5kw,

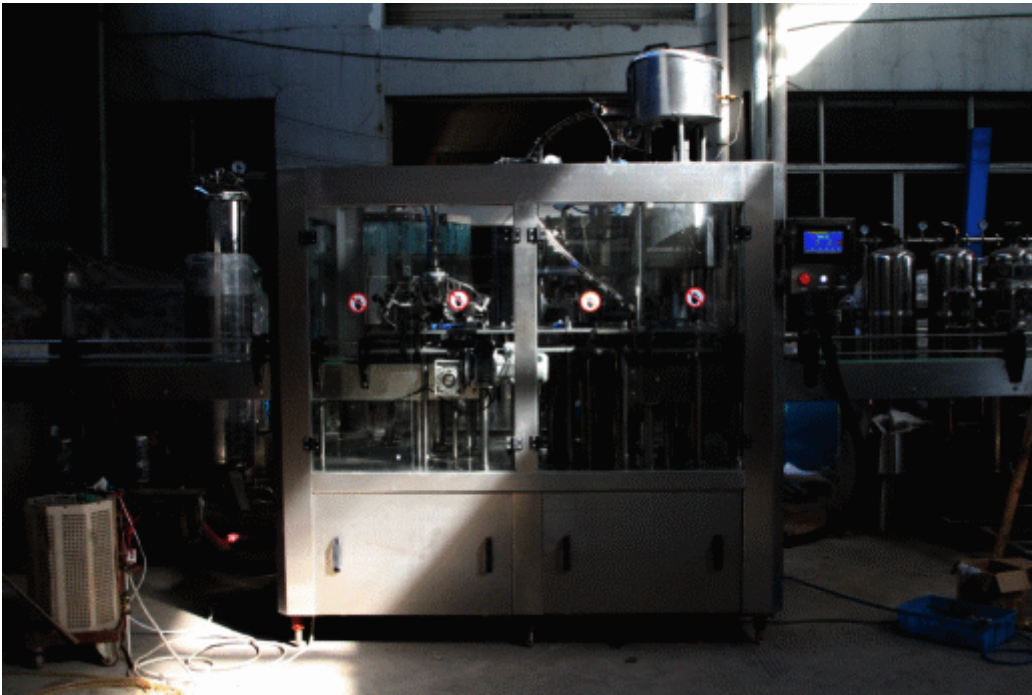
Production capacity: 1-2 tons per hour

With vacuum deoxidation, heat preservation, plate heat exchanger.

### Process of Double tank soda water mixer

- 1.The original gas in the material is separated from the material through a vacuum deoxidation tank to facilitate subsequent mixing of carbon dioxide.
- 2.The equipment cools down the material.
- 3.After the temperature drops to 3-4 degrees, the mixing tube starts to mix carbon dioxide.
- 4.After initial mixing, the material is pumped into the mixing tank through the booster pump for secondary mixing
- 5.The terminal is equipped with a small heat exchanger to prevent the material from heating up before entering the filling machine.

### Isobaric three-in-one filling machine HY8-8-3



### **Filling process of gas-containing beverage**

Empty bottle ? conveying ? washing and draining inside and outside upside down ? inflation valve (maintain equal pressure) ? filling ? capping

### **Components details and quantity**

Washing head: 8pcs

Filling head: 8pcs

Capping head: 3pcs

Flushing pump: 1pcs

Filling pump: 1pcs

Main motor: 1pcs

### **Specification**

Item	Technical parameters
Main engine power	2.2KW
Washing pump power	0.37KW
Filling pump power	0.55KW
Capping device power	0.25KW
Air blower power	0.75KW
Conveying line motor	0.75KW
Working voltage AC	380V 50HZ, 3 phase electricity
Water consumption (sterile water)	About 1 cubic meter/hour (water consumption is adjustable )
Water pressure	0.2-0.4 Pa

### **Application**

This Aluminum Bottle Aluminum Cap Beverage Automatic Filling Line is special for aluminum bottles such as the Alum-tek, Exal, or Trivium bottles.

