

# Carbonated Beverage Mixing Machine

This mixing machine is engineered for the mixing of carbonated drinks and soda. It uses stainless steel parts for food sanitation and PLC technology to control pressure and liquid levels, ensuring stable performance and high efficiency.



## Product Overview

### Industrial Carbonated Beverage Mixing Machine

The RY-H Series is a high-precision beverage mixing system engineered for the consistent production of carbonated drinks. Featuring advanced syrup-to-water ratio adjustment and high-purity carbonation capabilities, these units ensure reliable mixing precision within 2%. Built for industrial efficiency, the system supports varying output capacities to suit diverse production scale requirements.

## Technical Specifications

### Technical Data Comparison

Model	Output	Motor Power	Weight
RY-H03	3T	5.8kW	1200kg
RY-H06	6T	6.3kW	1350kg
RY-H09	9T	6.5kW	1500kg
RY-H18	18T	7.2kW	1950kg

### Mixing Performance

**2 %**

Mixing Precision

**2.5 Max**

Gas/Water Ratio

## Operating Requirements

### Input Parameters

- Syrup and Water adjusting rate: 1:3 - 1:10
- Cooling water inlet temperature: 0 - 4°C
- Syrup inlet temperature: 2 - 8°C
- Carbon Dioxide purity: > 99.9%

### Compliance

High Purity CO2 (>99.9%) • Precision Mixing