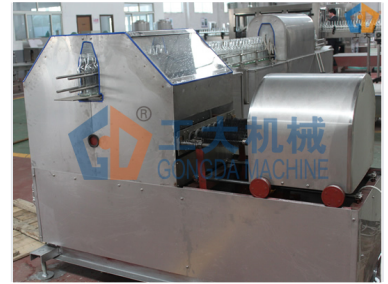


Automatic Bottle Washing Machine

This automatic glass bottle washing machine is designed for efficient cleaning of glass bottles in high-volume production. The machine utilizes a multi-stage washing process with adjustable parameters to accommodate various bottle sizes and shapes.



Overview

High-Efficiency Bottle Cleaning System

This automatic glass bottle washing machine is engineered for high-volume production environments, integrating inner layer washing, external label removal, and soaking processes into a single streamlined system. Designed to minimize water and electricity consumption, it ensures high efficiency while maintaining a low bottle breakage rate. The robust construction and adjustable parameters make it a versatile solution for the food, beverage, pharmaceutical, and chemical industries.

Performance Metrics

Production Capability

4000 b/h

Max Production

3000 b/h

Min Production

Bottle Specifications

Compatible Bottle Sizes

Parameter	Range
Outside Diameter	56-64 mm
Height	140-220 mm

Technical Specifications

Inner Layer Washing Unit

- Main motor power: 1.1kw
- Inside washing motor: 0.55kw
- Inside washing speed: 505r/min
- Water supply pressure: 0.3-0.4Mpa
- Bottle feeding speed: 7.24m/min
- Driver plate speed: 7.28r/min

Label Removal Unit

- Orbit motor: 0.75kw
- Orbit speed: 11.13r/min
- Outside washing motor: 0.75kw
- Water pump motor: 0.37kw
- Water consumption: 2.8m³/h

Soaking Unit

- Liquid temperature: 45-65°C
- Solution concentration: 1.4%

Physical Dimensions

Machine Dimensions (L x W x H)

Unit	Dimensions (mm)	Weight (kg)
Inner Layer Washing	1750 x 1320 x 1320	1100
Label Removal	2900 x 800 x 1350	600
Soaking Unit	2400 x 2650 x 2400	450