

Automatic Mineral Water Bottling Line

This automatic line fills mineral or purified water into PET bottles ranging from 200ml to 2000ml; glass bottles are also compatible with minor conveyor adjustments. Different models provide variable output from 2000 to 24000 bottles per hour.



ADDITIONAL IMAGES



Overview

High-Efficiency Mineral Water Bottling Solution

The CGF series is a fully automatic mineral water bottling line designed for rinsing, filling, and capping PET or glass bottles. Utilizing gravity or micro-pressure filling technology, this system achieves higher speeds and greater stability compared to standard models. It is an ideal solution for medium to large-scale production, offering a high degree of automation through advanced PLC control and photoelectric sensors.

Technical Capabilities

Performance Highlights

2000 BPH

Min Capacity

24000 BPH

Max Capacity

2000 ml

Max Bottle Size

Technical Specifications

Model Specifications Comparison

Model	Capacity (500ml)	Washing/Filling/Capping Heads	Weight	Main Motor Power
CGF14-12-4	4000 BPH	14 / 12 / 4	2500 kg	2.2 kw
CGF16-16-5	6000 BPH	16 / 16 / 5	3000 kg	2.5 kw
CGF18-18-6	8000 BPH	18 / 18 / 6	4000 kg	3 kw
CGF24-24-8	12000 BPH	24 / 24 / 8	4500 kg	3 kw
CGF32-32-10	15000 BPH	32 / 32 / 10	6000 kg	5.5 kw

Filling Method

Gravity Filling • Micro Pressure Filling

Bottle & Cap Compatibility

Supported Containers	PET Bottle, Plastic Bottle, Glass Bottle
Bottle Diameter Range	55 mm
Bottle Height Range	150 mm
Suitable Cap	Plastic Screw Cap

Control System

Automation & Control

- Mitsubishi Programmable Controller (PLC)
- Inverter-driven motor for stable running
- Photoelectric sensors for real-time state detection
- Automatic washing, filling, and capping cycle