

Automatic PET Bottle Mineral Water Bottling Line

This automatic line fills PET bottles with mineral or purified water in volumes from 200ml to 2000ml. Different models provide outputs ranging from 2000 to 24000 bottles per hour.



ADDITIONAL IMAGES



Overview

Automated Bottling Solution

The CGF series is an automated bottling line designed for mineral and purified water production in PET or plastic bottles. Utilizing gravity and micro-pressure filling technology, this system ensures high efficiency and stability across a wide range of production speeds. With integrated programmable logic controllers (PLC) and advanced sensor technology, it offers a reliable, user-friendly solution for beverage manufacturing.

Technical Specifications

| | |
|--------------------------|--|
| Filling Method | Gravity Filling, Micro-pressure Filling |
| Compatible Bottle Volume | 200ml - 2000ml |
| Compatible Materials | PET, Plastic, Glass (with conveyor modification) |
| Control System | Mitsubishi Programmable Controller (PLC) with Inverter |

Performance Metrics

Production Output Range

2000 BPH

Min Output

24000 BPH

Max Output

Model Comparison

Model Specifications

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