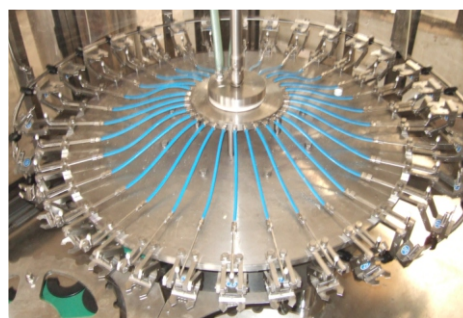
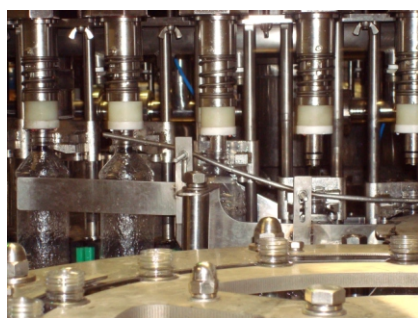




RFC-6000 Series Automatic Rotary Rinser/Filler/Capper

This is a fully automatic Rotary Filling Machine for bottled water and bottle filling of non-carbonated beverages, including fruit juice and coolers, that are packed in PET bottles. Rinsing, Filling and Capping of bottles are integrated in one, fully automatic synchronized machine.

This equipment is manufactured in an ISO9001 certified manufacturing facility to ensure the highest standards in the industry are met. Critical electronic components and PLC controls are made by Siemens, Mitsubishi and Omron. Pneumatic controls are made by industry leaders. All bottle contact parts are made of stainless steel or food grade plastic. All production information and automation controls are displayed digitally. Automatic control and manual toggle adjustments are made on a PLC controlled touch-screen panel. The bottles are clamped at the neck and suspended for smooth operation even with light weight PET bottles. Empty bottles are inverted and rinsed prior to being filled. Pressurized Overflow Nozzles deliver consistently accurate fill levels.



Models Available

RFC-6160

Dimensions w/o conveyor: 91" x 62" x 99"
Number of Fill Heads: 16
Power Consumption: 4.23 kw
Power Requirement: 220 vac/3, 380 vac/3
Bottle Rate: 66 bpm

RFC-6180

Dimensions w/o conveyor: 99" x 80" x 107"
Number of Fill Heads: 18
Power Consumption: 5.03 kw
Power Requirement: 220 vac/3, 380 vac/3
Bottle Rate: 100 bpm

RFC-6240

Dimensions w/o conveyor: 119" x 87" x 111"
Number of Fill Heads: 24
Power Consumption: 6.57 kw
Power Requirement: 220 vac/3, 380 vac/3
Bottle Rate: 166 bpm

RFC-6320

Dimensions w/o conveyor: 164" x 103" x 115"
Number of Fill Heads: 32
Power Consumption: 8.63 kw
Power Requirement: 220 vac/3, 380 vac/3
Bottle Rate: 233 bpm

RFC-6400

Dimensions w/o conveyor: 180" x 109" x 115"
Number of Fill Heads: 40
Power Consumption: 9.63 kw
Power Requirement: 220 vac/3, 380 vac/3
Bottle Rate: 300 bpm

RFC-6500

Dimensions w/o conveyor: 215" x 130" x 115"
Number of Fill Heads: 50
Power Consumption: 10.63 kw
Power Requirement: 220 vac/3, 380 vac/3
Bottle Rate: 400 bpm

* Bottle rate is based on typical 500ml round plastic bottles

RFC-6000 Series Automatic Rotary Rinser/Filler/Capper



Accessories

- Infeed Air Conveyor with Blower
- Outfeed Conveyor with tabletop slat chain
- Automatic Cap Elevator/Feeder stores approximately 20,000 caps. When the Cap Sorter, located on top of the Rinser/Filler/Capper monoblock, is near empty the Cap Elevator automatically delivers caps to the Cap Sorter. The Cap Elevator eliminates the need for the operator to refill the Cap Sorter.

Popular Options

- Additional set of bottle handling parts (priced per bottle)
- The Self Contained Cleanroom Enclosure eliminates the need for a manufactured or stick-built cleanroom. This Ceiling Addition for our rotary Rinser/Filler/Capper machine consists of a HEPA filter/fan unit to provide positive air pressure, Clear Lexan Panels (matches doors on Rotary RFC Machine), and a Stainless Steel Support Frame.
- Sport Cap Handling Upgrade
- Polycarbonate Guarding System Upgrade with Electronic Interlocks to Provide Additional Operator Safety
- Hot Fill Upgrade
- Carbonated Beverage Upgrade (Carbonation System)
- CIP System

Monoblock Base - The sturdy base is supported by adjustable feet and is made with stainless steel sheathing secured to the tubular frame. The base houses the motor and drive gears. It is accessible through stainless steel removable doors. The Rinser/Filler/Capper is motorized by a single AC electric motor and controlled by an inverter.

Electrical Panel - The electric panel contains the inverter, motor starters, PLC, and other electro-mechanical components. The inverter enables the operator to vary the rate of production to synchronize the Rinser/Riller/Capper with other packaging machines running on the same line. An Emergency Stop button is mounted on front of touch screen panel.



Rinsing Station - The rotary rinsing turret consists of individual bottle neck grippers and spray nozzles to rinse the inside of PET bottles. All contact parts are made of stainless steel or food grade plastic material. The bottle grabbers take the bottles from the inlet starwheel guaranteeing a secure grip. The bottle is turned upside down and centered above a spraying nozzle that directs a stream of rinse water into the bottle. After being rinsed, the bottle is automatically turned over to an upright position.

Filling Station - The Filler has overflow style, stainless steel fill heads that are suitable to fill thin flowable liquids in PET bottles. Filling valves are made of stainless steel with food grade gaskets. The filling valves are secured to allow easy assembly and disassembly. Each valve is internally polished. If the bottle is not present the valve does not deliver any product.

Capping Station - The Capper consists of an internal steel structure with stainless steel casing. Fixed components include the Cap Hopper, Cap Feeder and Cam Actuating Capping Heads. The Cap Feeder and all contact parts are made of stainless steel or food grade plastic. The Cap Feeder guides the caps onto a chute for pick-up. A rotative capping turret with magnetic chuck heads applies plastic screw caps on PET bottles.

- **Complete line of filling and packaging solutions**
- **Standard filling machines in stock and ready to ship**
- **Economical prices, installation services and excellent customer service**

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