



# **AUTOMATIC FILLING MACHINE**

SERVO MOTOR  
5 - 20L

The RPF 20000 Automatic Liquid Filling Machine, equipped with a cylinder piston system and advanced servo motor technology, is engineered to fill large containers ranging from 5 to 20 Liters. Available in 2 and 4 nozzle configurations, this system delivers exceptional flexibility for different production capacities. Designed for both thin and viscous liquids, it is compatible with a wide variety of plastic and metal containers. With advanced servo motors and controllers, the filling process is performed with maximum accuracy and efficiency.





## Other specifications:

Suitable for filling various liquids from the bottom of the bottle  
 Automatic cleaning system adjustable via touchscreen display  
 Ability to save machine settings for different products  
 Easy changeover between products with different volumes and viscosities  
 Equipped with HMI display and PLC controller  
 Capable of filling corrosive, hot, foaming, and pulp-containing materials  
 Automatic level control system for tank refilling  
 Bottle detection sensors at both infeed and outfeed  
 GMP-compliant cabin with 1. mm tempered glass  
 Maximum product temperature: 50°C (optional equipment available for up to 95°C)

## Options:

Tank equipped with heater and agitator  
 Cylindrical tank designed according to GMP standards with pharmaceutical-grade fittings  
 Closed-loop cleaning system  
 Capable of operating at temperatures up to 90°C

## In industries:

Detergent and chemical industries, cosmetics and personal care, pharmaceuticals, food and beverages

| Feature              | Specifications                                                                                                                                          |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| number of nozzles    | 2 or 4 nozzles                                                                                                                                          |
| filling volume       | 5 to 20 liters                                                                                                                                          |
| production capacity  | up to 600 20-liter bottles per hour                                                                                                                     |
| tank capacity        | litted 300-liter Tank                                                                                                                                   |
| filling accuracy     | ±%0.5                                                                                                                                                   |
| frame specifications | heavy steel profile with electrostatic powder coating and 304 stainless steel covering<br>product-contact areas: SST made of 316 or 304 stainless steel |
| power supply         | AC220V/110V 3PH 50/60HZ                                                                                                                                 |
| machine dimensions   | 600 cm (L) × 150 cm (W) × 240 cm (H)                                                                                                                    |



PLEASE SCAN



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