

RGX Automatic Carousel Volumetric Filler



Introduction:

- The machine can be used in a variety of manufacturers which produce fruit juice, dressing sauce, health-care products, cosmetic goods, detergent, pesticide, medical and petroleum products, etc.
- Frequency controlled drive is used in main machine and bottle conveyor.
- Ultrasonic is employed to control the liquid level in the bowl, which ensures more stable and accurate filling process.
- Equipped with filling valve safety device, the high pressure liquid can be released in case of blockage.
- An adjustable mechanism for accurate filling level.
- Automatic electric and mechanical devices for overload protection.
- Automatic control system of in feeding bottles: detecting bottles fed to the machine and switching on/off the machine automatically, if necessary. (at customer/s option, cost separately)
- Automatic detecting system for bottle discharge. (at customer/s option, cost separately)
- Specified space between the mouth of filling valve and the liquid level is constantly kept during filling process. And also to prevent foaming, the filling valve is designed either up away from or down into the liquid according to the type of liquid product.
- Automatic control of filling valves: no bottle no filling.
- Material used meet GMP standard.

Parameter:

Item	Parameter
Model	RGX-12
Dimension	1800×1900×2300
Weight	1500 kg
Filling Valve	12 sets
Max Productivity	5000 b/h (500ml)
Main drive motor power	1.5 Kw
Bottle height	50-270 mm
Bottle diameter	50-86 mm
Filling volume	0.1-1.25L
Filling precision	≤±0.5%
Filling temperature	8-90°C
Filling viscosity	7-370 mm ² (50°C)
Compressed air pressure	0.4-0.6 Mpa
Compressed air consumption	0.1m ³ /H
Power supply	3-phase 380V 50Hz
Diameter of material supply pip	50 mm
Diameter of compressed air tube	10 mm
Diameter of water tube	25 mm