

Hi-Speed Easy Open Cans Filling-Capping Machine Model RFC-C



The carbonated drinking filling machine could be separated to 3 modules. The height of the bottle-out conveyor is adjustable. Bottles are conveyed to rinse, filler and capper through star wheel and conveyed out finally through bottle-out conveyor. Equip with alarm device for bottle block, bottle absence, cap absence and overload. The machine meets the national food hygienic standard, with high automation and easy to operate.

Technical Features

- Adopt technology of air conveyor direct connect with bottle infeed star wheel and neck handling technology to convey bottles.
- High speed filling line adopts bottle gripper conveying technology. It is free to change over bottle size and the working table inside the machine is more laconic.
- By 3-in-1 monoblock, the bottle goes through rinsing, filling and capping with little abrasion, and the transferring is stable, bottle changing is easier.
- Specially designed stainless steel bottle gripper dose not contact the thread parts of the bottle neck, avoiding the second contamination.
- Pressure liquid carousel. High speed line adopts annular liquid carousel.
- High speed and mass flow filling valve ensures the high filling speed and exact fluid level.
- Parts contacting liquid are all made of excellent stainless steel or food grade engineering plastic. The electric system is from international brand and achieves the national food hygienic standard.
- The bottle-out star wheel is helical structure. While changing over bottle size, it is no need to adjust bottle-out conveyor height.

Technical Parameters

Model RFC-C	14-12-5	16-16-5	24-24-8	40-40-10	50-50-12	60-60-15
Capacity (500ml)	3000BPH	5000BPH	8000BPH	15000BPH	18000BPH	18000BPH
Bottle size	Glass bottle ϕ =50-100mm H=160 -330mm					
Cap type	Crown Cap/Metal Screw cap/ Plastic Cap					
Filling precision	± 5 mm(liquid level) with vacuum filling					
Power	2.42kw	3.12kw	3.92kw	5.87kw	7.87kw	11.37kw
Dimension mm	2360× 1770× 2700	2760× 2060× 2600	3400× 2550× 2700	4700× 3320× 2700	5900× 4150× 2700	5770× 5290× 2700
Weight	2800kg	3800kg	4900kg	7900kg	9200kg	11000kg