



High Efficient Juice Filling Production Line RCGF-series



The equipment is used in production of non-soda drink of hot juice or water packed in polyester bottles. Washing, filling and capping are integrated in one machine. Machine design scientific and reasonable, appearance, complete functions, operations. Easy maintenance, high degree of automation.

Feature

- 1) Bottle is entered by air conveyor, the speed of bottle entering is fast and bottle shape is not changed because of adopting hanging clamping bottle neck way.
- 2) Adopting clamping bottle neck way to wash bottle mouth and avoid touching screw mouth, adopting clamping bottle neck way in the whole conveying process. When bottle type changes, you only need to change the board related with bottle diameter.
- 3) Opening valve is driven by cylinder. High filling speed and mass flow rate, high precision of filling value and control of liquid level is accurate and without loss.
- 4) The capping system applies advanced French technology, when clamp the cap will immediately and magnetic torque type capping head

Characteristic:

1. intelligent contact screen, human design, easy operation.
2. Imported filling valve, avoiding drop leaking, accurate filling quantity.
3. Program logic controller (PLC), easy for changing size or modifying parameters.
4. Pneumatic elements are all imported, stability and reliability.
5. Accurate liquid sensing, automatically adding liquid, ordinary pressure flow passage parameters

6. Solely and specially-designed whole lifting device, easy governing to meet the needs of all kinds of container packing
7. Photo-electric sensing and pneumatic linking control, automatic protection for shortage of bottle.
8. Pneumatic executive control valve, high efficiency and safety. Each flow passage can be separately governed and cleaned.
9. Close positioning design, easy governing, suitable for packing of all sizes of bottles.
10. The whole machine is designed according to requirements of buyer's.

Technical parameter

Model	Capacity	Bottle			Weight	Dimensions
	(b/h)	Dia(mm)	Height(mm)	Capacity(ml)	(Kg)	(mm)
RCGF 12-12-4	4000	Φ50-Φ100	150-320	330-1500	2500	2350* 1700* 2150
RCGF 18-18-6	6000	Φ50-Φ100	150-320	330-1500	3800	1830* 2030* 2030
RCGF 24-24-8	8000	Φ50-Φ100	150-320	330-1500	5200	3220* 2300* 2600
RCGF 32-32-8	12000	Φ50-Φ100	150-320	330-1500	6500	3450* 2510* 2710
RCGF 40-40-10	15000	Φ50-Φ100	150-320	330-1500	8000	3800* 2800* 2710
RCGF 50-50-12	18000	Φ50-Φ100	150-320	330-1500	11200	4510* 3400* 2900