

Carbonated Drink Filling Machine TOPKING 16-16-5



The machine is mainly used for filling carbonated drink. It combines rinsing and filling and capping as one automatic body suitable for PET or other plastic bottles. The iso-pressure (iso-barometric) filling technology is adopted enabling it to fill more efficiently and more stably with more output than the machine of the same level from others.

Besides using photo-electronic detectors to detect the running of every important sub-process, it employs PLC from SIEMENS for automatic control of the whole process and new type air-channel for bottle-loading featuring speediness and damage-free of bottle. The handing-over of bottles between two linking structures is fulfilled by applying clamping-bottle-neck method. For bottle of different shape only a few parts need to be changed and the substituting is simple, which shows the machine is of good adaptability.

High automation and easy operation make it an ideal option for beverage companies.

Characteristics:

1. Using the wind sent access and move wheel in the bottle directly connected technology; canceled screw and conveyor chains, this enable the change the bottle-shaped become easier.
2. Bottles transmission adopt clip bottleneck technology, bottle-shaped transform not need to adjust the equipment level, only change related the curved plate, wheel and nylon parts is enough..
3. The specially designed stainless steel bottle washing machine clip is solid and durable, no touch with the screw location of bottle mouth to avoid secondary pollution.
4. High-speed large gravity flow valve filling valve, filling fast, filling accurate and no liquid lose.
5. Spiraling decline when output bottle, transform bottle shape no need to adjust the height of conveyor chains.
6. Host adopts advanced PLC automatic control technology of SIEMENS brand.

Technical Parameter:

Item	TOPKING16-16-5	TOPKING18-18-6	TOPKING24-24-8	TOPKING32-32-10
Capacity	4000bph(500ml)	5000bph(500ml)	8000bph(500ml)	15000bph(500ml)
Rising heads	16	18	24	32
Filling heads	16	18	24	2
Capping heads	5	6	8	10
Bottle Diameter	Commonly 50-110mm (can adjustable)			
Bottle Height	Commonly 150-340mm (can adjustable)			
Filling pressure	0.15-0.35Mpa			
Rising pressure	0.2-0.25Mpa			
Overall size	2130*1700*2350	2450*1800*2350	2780*2200*2350	3600*2650*2350
Weight	3.3t	3.5t	4.5t	5.5t