



MIC 18-18-6 Pet Bottle Juice Filling And Sealing Machine



The MIC 18-18-6 Pet Bottle Juice Filling And Sealing Machines a kind of professional hot filling machine for mango juice, litchi juice , orange juice, apple juice and other Fruit and vegetable juice which applies to PET bottle.

It is made of high quality SUS304 stainless steel. Main components are processed precisely by CNC machine tool. The machine adopts advanced photo electricity to detect running status. No bottle no filling. It realize man-machine conversation because of applying touch screen for operation

- 1) Bottle is entered by air conveyor, the speed of bottle entering is fast and bottle shape isn't changed because of adopting hanging clamping bottleneck way
- 2) Adopting clamping bottleneck way to wash bottle mouth and avoid touching screw mouth, adopting clamping bottleneck way in the whole conveying process. When bottle type changes, you need to change the board related with bottle diameter
- 3) Filling adopts cylinder feeding structure, filling valve adopts high filling speed and mass flow rate valve which control liquids level accurately and without loss.
- 4) Screw capper adopts French advanced technology which cans screw cap promptly when clamping bottle.
- 5) The PLC and transducer are chosen from international famous brand, such as OMRON, MITSUBISHI and so on.

A PET bottle juice filling machine is a specialized piece of equipment used in the food and beverage industry to automate the process of filling juice into PET (Polyethylene Terephthalate) bottles. It is designed to ensure efficient and accurate filling while maintaining the freshness and quality of the juice.

Technical parameter

Capacity	8000-10000 b/h(500ml)
Filling volume	200ml-2000ml (standard filling) Can be adjusted
Filling material	Juice
Standard bottles	PET bottle,
	Diameter of bottle: $\Phi 50 \sim \Phi 110$ mm
	Height of bottle: 150-320mm
Filling:	hot filling under constant pressure
Filling temperature	87 \pm 5 $^{\circ}$ C
Compressed air pressure	0.3-0.7 M pa
Rinsing water pressure	0.2-0.25 M pa
Rinsing water	Aseptic water
Total power consumption	7kw
Power	380V, 50Hz, 3 phase(according to customer's requirement)
Suitable cap	standard plastic cap with screw thread
Overall dimensions	3000x2200x2300mm
Weight	5500 kg