

Water packing line:

1. Air conveying tunnel



Working principle :

The air conveying tunnel is installed in the ground by support, the fan is installed above the conveying tunnel. In the air inlet, has air filter, it can protect the dust be blown in to the bottle. And the bottle be transported into the three-in-one unit by air conveyor.

Main features :

The main body is made by stainless steel 304.

In the air inlet, has air filter, it can protect the dust be blown in to the bottle.

Air conveying tunnel :

2. 8-8-3 water filling machine





Summarize:

MIC8-8-3 machine is a kind of professional filling machine for mineral water, pure water 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.

- 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.

Technical parameter

Model	MIC 8-8-3
Working section	Washing 8, filling 8, capping 3
Productivity	1000-2000BPH(500ml)
Air pressure	0.4MPa
Air consume	0.15m ³ /min
Washing water pressure	0.2MPa
Washing water consume	Less than 1T/hour
Main motor power	2.2kW
Total power	5KW
Overall size	2250*1650*2200mm
Total weight	2500kg

3. Cap elevator



Working principle :

In the cap feeding machine has auto checking switch, when the cap is running out, the check switch will alarm, open the cap feeding machine to transport the cap. In the tank of the cap feeding machine has a lots of cap, they will be sent to conveying tunnel by belt and then to cap unscramble.

Fan: 380V、 2.5KW

Overall size: 600*600*2400mm