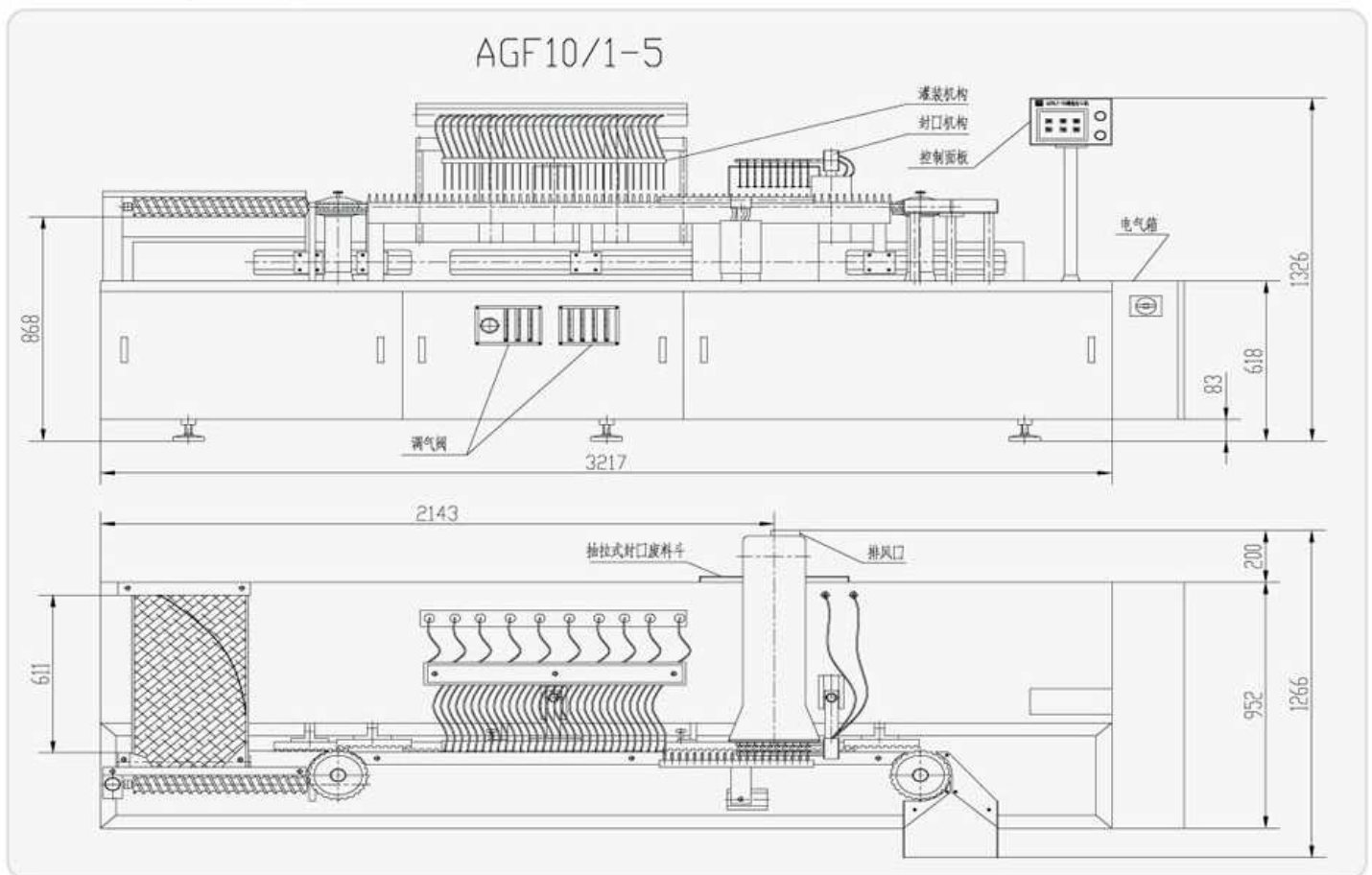


AGF Series Vertical Bottling & Capping Machine



Layout diagram



AGF

Series of vertical bottling & capping machine

Product Elucidation:

The machine is mainly used for bottling and capping of ampoules in asepsis conditions in pharmacy factories.

The machine is a 8-step, 10-step, 12-step transmission system, in platform structure. Every time, it feeds 8, 10, 12 bottles into each procedure, to complete the procedures such as bottle feeding, former nitrogen charging, filling, latter nitrogen charging, preheating, wiredraw capping and so on, suitable for bottling and capping of ampoules in asepsis conditions.



Applications:

1. The former 3-segment sector structure is changed into roller structure, almost without broken bottles, solves problems that adjustment on sector structure is quite difficult and is like to cause troubles.
2. Transmission unit is changed from traditional chain transmission structure into synchronous gear chain transmission, more stable transmission and less noise.
3. Reduce bottling positions and distances, and traveling shank length is almost 1/2 of original length, quite rigid, stable.
4. Traveling shank movement guide structure is changed from sliding sheath type into rolling rail type, to make traveling shank movement more agile, flexible and rigid.
5. Bottling position designed for special bottle positioning unit, to make bottle positioning more easy, simple and more reliable.
6. Heating unit with height adjustment device to make height adjustment easier.
7. New rotating bottle mechanism, replaces former conical gear transmission, as synchronous gear belt transmission, more simple, and avoids abrasions on original conical gear structures.
8. New split wiredraw box structure, quite nice, and makes installation and trial commissioning easy and quick.
9. New bottle shank adjustment, you only need to rotate knob when changing, and inconvenient positioning adjustment is not needed any longer.
10. All standard elements shall be redesigned as pin structure. All parts need to be disassembled are designed to be disassembled quickly, in order to speed up disassembly greatly, saving time.
11. Machine frame is welded, highly rigid and more stable. The items installed are fewer for convenient cleaning and maintenance.
12. The machine in an enclosed laminar flow system for better laminar flow effect. The whole structure is designed for best laminar flow effect.
13. With automatic bottle entry control facility, in case of bottle jams, the cleaning machine can pause bottle feeding, and can continue in case of bottle loss automatically.
14. The machine bottling system standard configuration is composed of glass metering pump, metal metering pump, jog pump or ceramic pump according to users' requirements; standard type adopts cam for bottling control, a single pump or several pumps can be adjusted individually or altogether; luxury type adopts servo control bottling, with high precision in quantity, individual or integrated adjustment can be made on touch screen quickly, easily and accurately, and parameters adjusted can be saved, for standby (to store some parameters), suitable for users who often change quantity.

Main technical specification			
Model	AGF8/1-20	AGF10/1-5	AGF12/1-5
Adaptable Specification	1-20ml	1-5ml	1-5ml
Output	1-2ml 16000-24000pcs/h 5-10ml 10000-18000pcs/h 20ml 5000-8000pcs/h	16000-30000pcs/h	18000-36000pcs/h
Fuel consumption(m ³ /h)	(Gas)2-3		
Fuel pressure(MPa)	0.1		
Combustion-supporting(m ³ /h)	(Gas)0.7		
Combustion pressure	0.1		
Outline Dimension(LxWxH)mm	3447x1266x1326		
Machine Weight(kg)	2500kg		
Power supply(V)	380		
Electric capacity(kW)	2.2		