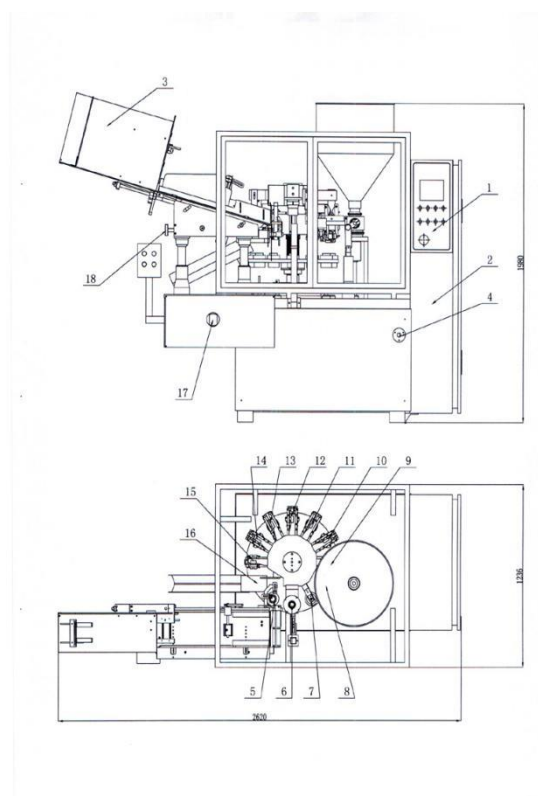


Equipment parameters:

Full-automatic filling and sealing machine:



1、 Technical parameters:

Model	WD—400L	WD—400F
Hose material	Metal pipe, aluminum pipe	Plastic pipe and composite pipe
Hose diameter	Φ 10— Φ 50	Φ 15— Φ 60
3eHose length	60—25（Customizable）	60—250（Customizable）
filling volume	5—400ml/pc （Adjustable）	5—400ml/pc （Adjustable）
Filling Precision	≤±1%	≤±1%
Production capacity (pcs/min)	30—50（Adjustable）	30—50（Adjustable）
Working air pressure	0.55—0.65mpa	0.55—0.65mpa
Motor power	2kw(380V/220V 50Hz)	2kw(380V/220V 50Hz)
Heat seal power		3kw
Overall dimension	2620×1020×1980	2620×1020×1980
Weight of main engine	1100	1100

2、 Working principle of the machine:

The automatic filling and sealing machine is designed and manufactured for the filling and sealing of aluminum tubes, plastic tubes and composite tubes in cosmetics, pharmaceuticals, food, adhesives and other industries. Its main working principle is that the tubes in the feeding hopper will vertically enter the filling mold of the first station one by one, and then rotate with the rotating disc. When rotating to the second station, the tubes will be tested and calibrated, and nitrogen will be filled into the tubes in the third station, and nitrogen will be filled into the tubes in the fourth station, Fill the tube with the desired contents, and then enter a series of stations such as heating, bending, pressing, printing number, cooling, trimming, etc. for sealing, and the finished product is exported when it is rotated to the last station, i.e. the twelfth station. Each tube must go through such a series of processes, and finally the filling and sealing are completed.

The main structure of the machine is composed of main transmission mechanism, feeding mechanism, rotating mechanism, tail sealing mechanism, filling mechanism and electrical control system.

3、 Performance characteristics of the machine

a) High-grade night crystal display programming controller and button combined operation video screen can comprehensively grasp the equipment's stepless speed regulation, parameter setting, output statistics, air pressure indication, fault display and other operating conditions, making the operation simple and user-friendly.

b) Fully automatic completion of the whole process of human supply, benchmarking, inert gas filling (optional), filling, tail sealing, coding, and finished product export.

c) The high-precision calibration system reduces the range of color difference between the tube body and the color code.

d) The adjustment part is external, and the position digital display, so that the adjustment is fast and accurate (used in the production of multiple specifications and varieties).

e) The machine, light, electricity and gas are integrated to realize the automatic display (alarm) of non-pipe filling, non-pipe supply, low air pressure; Fully automatic functions such as automatic shutdown when opening the protective door.

f) The filling and sealing of metal pipes, plastic pipes and composite pipes of different specifications can be realized by using one set of several sets with different molds.

4、 Configuration list

Product Name	Model	Origin brand	Number
Interface	GT1050-QBBD-C	Mitsubishi, Japan	1
PLC	FX2N-32MT	Mitsubishi, Japan	1
Frequency converter	FR-D720S-1.5KW	Mitsubishi, Japan	1
Relay	RXL4A06B2P7	Schneider, France	3
Circuit breaker	OSMC32	Schneider, France	7
Contactors	LC1-D1810	Schneider, France	1
Button	XB2-BD21C	Schneider, France	11
Power switch	D-100B	Solomon, China and America	1
Color code switch	LX-101	Bonner, USA	1
Optical fiber	E3X-NH11	Omron, Japan	1

Solenoid valve		SMC ,Japan	5
Proximity switch	E2E-X3D1N	Omron, Japan	2
Heater	LEISTER3000	Switzerland (400F type)	1
Temperature Controller	DTA-4848V1	Delta (400F type)	1
Benchmarking motor	MR-E-40A-KH003 HF-K143JW1	Mitsubishi, Japan	1