

# operating specification

Inside sealing machine

Model : SJFC-380



## 1. Summary

Our factory is one of the domestic priority production of filter equipment enterprises, with a special design and manufacturing technical team, high-quality after-sales service system. Equipment with superior performance for your business road to add a strong power! Your satisfaction is the eternal pursuit of Wenzhou Yingdun Filter Technology Co., Ltd.

SJFC-380 Inside sealing machine is designed and manufactured according to the characteristics of barrel metal tank sealing machine, which is especially suitable for the sealing between the rotary filter shell and the sealing fixing plate. The machine has the characteristics of reliable performance, high degree of automation, convenient operation, high production efficiency and long use cycle. The machine adopts two roller sealing design, enhance the stability and reliability of production, so that the sealed product permeability is greatly reduced; the production of sealing, clutch, roller advance and other processes are automatic circulation, to ensure the safety of operators. The use of electricity and gas mutual control, greatly improve the production efficiency and operation performance, won the user praise.

The installation, operation, repair and maintenance of the equipment. Before installing the equipment, please read carefully to avoid the wrong operation and make the equipment give full play to its full performance.

Thank you again for your support and love for our factory. I wish us to work together to create a better tomorrow.

## 2. Technical parameters

project		
	parameter	remarks
The maximum outer diameter of the workpiece	140	
Maximum height of artifacts	380	
maximum	1.5	
Maximum sealing edge width of the workpiece		
Upper and lower spindle drive mode	servo motor	
Spindle speed regulation	420	
Top up the trip	100	
Top the cylinder	100	
Longitudinal stroke of knife frame	80	
Vertical longitudinal adjustment range	30	
Horizontal into the knife trip	30	
Transverse inlet knife adjustment range	50	
Maximum processing capacity		
handling mode		
service voltage	380V	
main motor	Level 1:1 6	
Lower drive motor	Level 1:5 4	
Left and right transverse inlet knife motor	cylinder stator	
aggregate capacity	Three kilowatts	
navar	PLC	
Compressed air pressure / flow rate	Four air pressure	
External size (length * width * height)	1900*975*975	
weight	0.6 Tons	

### 3. Electrical Equipment Configuration List

低压电器 (Low-voltage apparatus)	正泰/CHNT	
伺服电机 (Servo motor)	信捷 (XINJIE)	
PLC 系统	信捷 (XINJIE)	

### 4. Equipment installation

- 1. After unpacking the machine, lift it to the installation position, adjust the machine to the horizontal position, and secure it firmly with anchor bolts. The machine should be installed in a well-ventilated place with no direct sunlight area.
- 2. Connect the equipment to circuits above 380V, 50HZ and 3000W. Wire cross-section shall be greater than 2.5MM<sup>2</sup>. After the power is connected. The motor steering is in the same direction as the marked arrow above the turntable. For safety, the equipment shall be protected by the grounding wire.

### 5. Precautions

- 1. With more than 2 tons of forklift truck to maintain the low height support equipment, do not excessively tilt or reverse the packaging wooden box, in the unpacking of the equipment, should first confirm that the equipment is intact, complete accessories, if there is any objection should contact the salesman in time.
- 2. Keep the mechanical cleaning and the surrounding environment clean, and do not put the equipment in a high temperature and large dust environment.
- 3. Before each startup, check whether the fork copper block tightening screw is loose. If there is loose, lock it in time to prevent the copper block from falling off and damaging the machine.
- 4. Do not remove or modify the safety device of the machine. Please do not open the safety cover to run the machine to avoid man-machine loss
- 5 In the machine appears vibration noise and other abnormal phenomena. The emergency stop switch should be turned off in time, reported to the professional personnel to overhaul the machine, and eliminate the abnormal phenomenon before working.
- 6. Before turning the machine on, add 30 # oil to the refueling hole of the roller swing shaft and the two refueling holes above the large inclined gear, and add calcium-based grease (butter) to the gear end surface and bearing once a week.
- 7 When the workpiece air pressure is below 0.4MPA. Cannot operate on the machine! Otherwise, the machine gear may be damaged!

# operating specification

Inside sealing machine

Model : SJFC-380G



## 1. Summary

Use the filter equipment series products of Wenzhou Yingdun Filter Technology Co., LTD. Our factory is one of the domestic priority production of filter equipment enterprises, with a special design and manufacturing technical team, high-quality after-sales service system. Equipment with superior performance for your business road to add a strong power! Your satisfaction is the eternal pursuit of Wenzhou Yingdun Filter Technology Co., Ltd.

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The installation, operation, repair and maintenance of the equipment. Before installing the equipment, please read carefully to avoid the wrong operation and make the equipment give full play to its full performance.

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## 2. Technical parameters

project	parameter	remarks
	The maximum outer diameter of the workpiece	140
Maximum height of artifacts	380	
maximum	2.0	
Maximum sealing edge width of the workpiece		
Upper and lower spindle drive mode	servo motor	
Spindle speed regulation	420	
Top up the trip	100	
Top the cylinder	100	
Longitudinal stroke of knife frame	80	
Vertical longitudinal adjustment range	30	
Horizontal into the knife trip	30	
Transverse inlet knife adjustment range	50	
Maximum processing capacity		
handling mode		
service voltage	380V	
main motor	Level 1:1 6	
Lower drive motor	Level 1:5 4	
Left and right transverse inlet knife motor	servo motor	
aggregate capacity	3 kW	
navar	PLC	
Compressed air pressure / flow rate	Four air pressure	
External size (length * width * height)	1900*975*975	
weight	0.6 Tons	

### 3.Electrical Equipment Configuration List

#### 4. Equipment installation



低压电器 (Low-voltage apparatus)	正泰/CHNT	
伺服电机 (Servo motor)	信捷 (XINJIE)	
PLC 系统	信捷 (XINJIE)	

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# PASSPORT

## 1. GENERAL INFORMATION

Equipment Name	Oil Filter Sealing Machine----SJFC-250K
Manufacturer	Sincerehope Industry CO.
Function	For sealing filter, for sealing filter iron shells and covers
Release date	JUNE, 2021

## 2 MACHINE SPECIFICATION

Production capability:	20cans/min
Sealing diameter:	Φ50~Φ135mm
Sealing parts assembly height:	50~300mm
The thickness of the plate:	0.5~1.5mm
Motor power:	2.2kw
Working air pressure:	0.6MPa
Power supply:	380V/50HZ
M/C weight:	600kg
M/C size:	860*640*1750(L*W*H)

### Features:

1. Electric and pneumatic controls are used by the seaming machine. The feed movements will be carried out for the first roller and second roller by two sets of cam mechanics.

2. Loading and unloading of the processing port will be done by the pneumatic parts that will be controlled by the pre-determined program.

3. Adopts manual mode via press the button in favour of the operator's security.

4. The sealing wheel uses Cr12MoV of high as-quenched hardness and fine wear resistance to lengthen the service life.