



AN ISO 9001:2008 CERTIFIED COMPANY

USER MANUAL

Fill Sealer

QS200FF/FFR



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1. FOREWORD

Thank you for choosing Sevana. You now belong to the Sevana family of over one million satisfied customers across the world. We are confident that you will have many years of complete satisfaction from this Sevana product.

We want you to derive maximum value from Sevana's reliable service and support infrastructure in India. We maintain Sevana's service mission of working continuously to provide customers with highest level of service, thereby ensuring mutually successful long term business association.

You can contact us through

Email	:	support@sevana.com	
Phone	:	+91-484-2680780	Monday to Saturday
Mobile	:	+91-9388180781	8.30 am – 5.00pm IST
Fax	:	+91-484-2680680	

We value your partnership

Yours sincerely

For Sevana Electrical Appliances Pvt. Ltd.

Manager in charge, Customer support

While contacting the support centre kindly provide the following information for a speedier support and service.

- i. Model
- ii. Serial no.
- iii. The nature of problem

2. HOW TO USE THIS MANUAL

- ❖ Please read this manual carefully before installing and commissioning the machine.
- ❖ Please keep a copy of this manual for reference near the machine.

The information in this document is believed to be accurate and reliable. However, Sevana Electrical Appliances Pvt Ltd, cannot accept any financial or other responsibilities that may result from the use of this information. No warranties are granted or extended by this document.

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3. SAFETY PRECAUTIONS

❖ Introduction

Machines of Sevana have been designed to provide extremely safe and dependable operation when properly used. Safety precautions must be observed during normal operation and when servicing the machines of Sevana.

❖ Warning

A warning describes safety hazards or unsafe practices which could result in personal injury or loss of life. A warning message is accompanied by a symbol as described in the following paragraphs and is also surrounded by a box to attract your attention.

- ❖ Use only grounded three pin socket.
- ❖ In case the plug pin is to be changed, follow the colour code given below.

Red - Phase

Black - Neutral

Green - Earth

4. PACKING SLIP

Name	Quantity
User manual	1
Tool set	1
Machine	1

5. TECHNICAL SPECIFICATIONS

Model	QS200 FFR	QS200 FF
Machine's dimensions(LxWxH)	610mmx550mmx1460mm	610mmx550mmx1460mm
Type of sealing	Impulse	Impulse
Voltage	240V/50Hz	240V/50Hz
Power	400W	530W

6. UNPACKING

Note: Please verify the items with the packing slip.

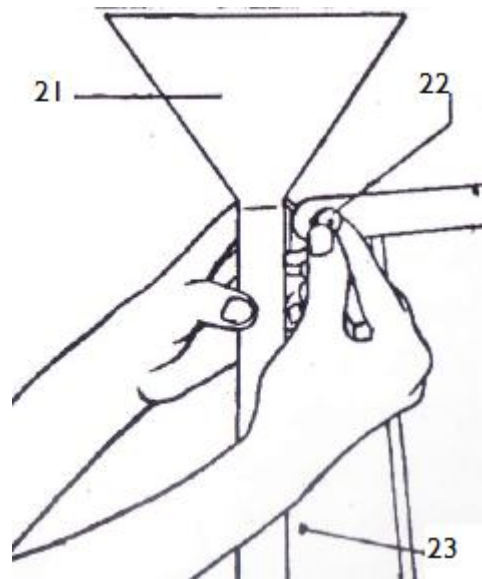
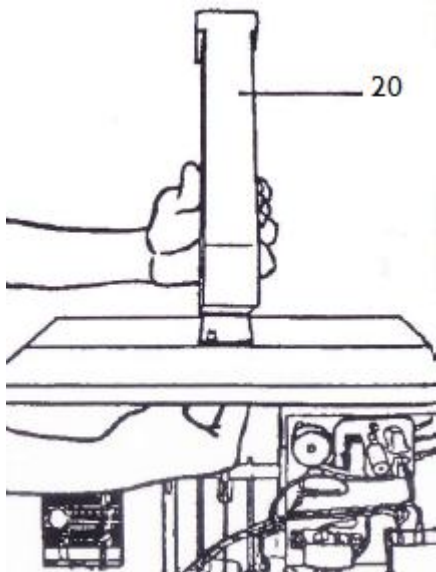
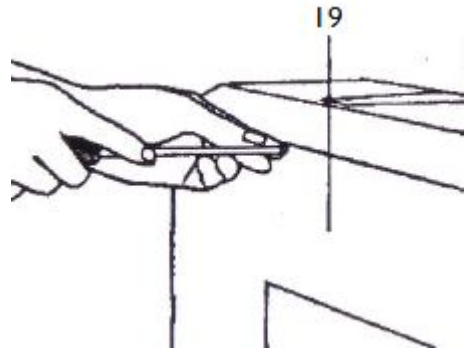
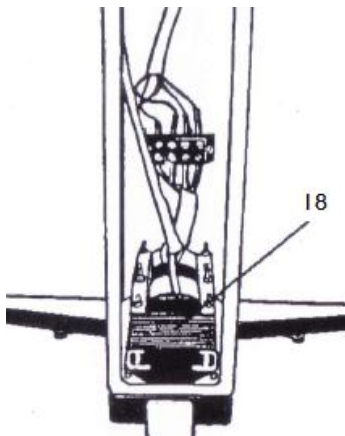
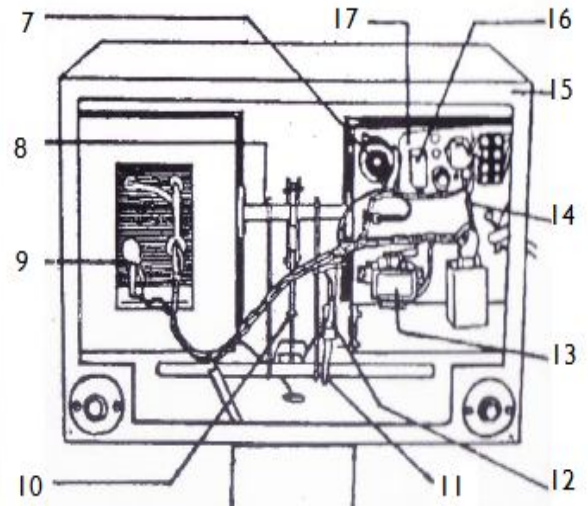
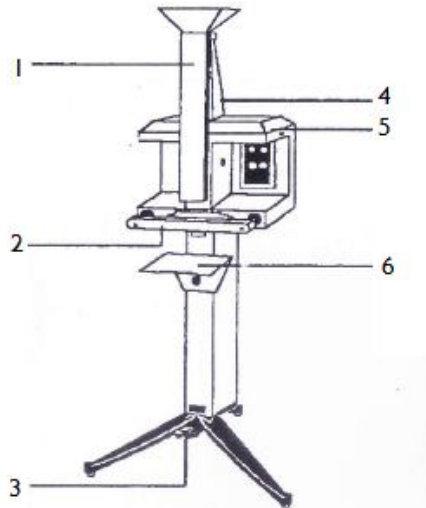
- ❖ Inspect for any transit damages. If there are any, notify your dealer/transporter/insurance company or us immediately.
- ❖ The machine is shipped well packed in a wooden box with four bolts holding the machine to the bottom panel.
- ❖ Place the wooden box with the "TOP" Marked to the top.
- ❖ Remove all the side panels and top panel of the box.
- ❖ Remove all packing materials.

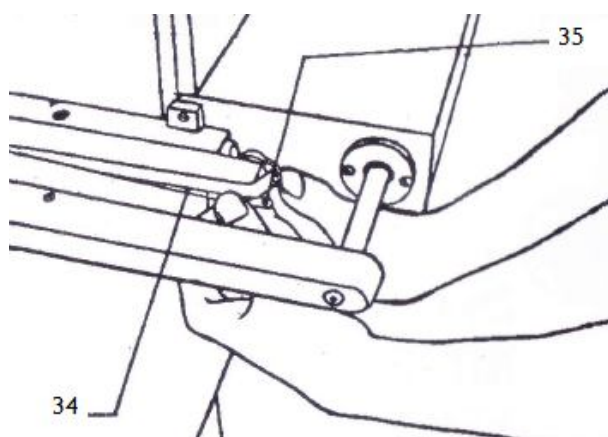
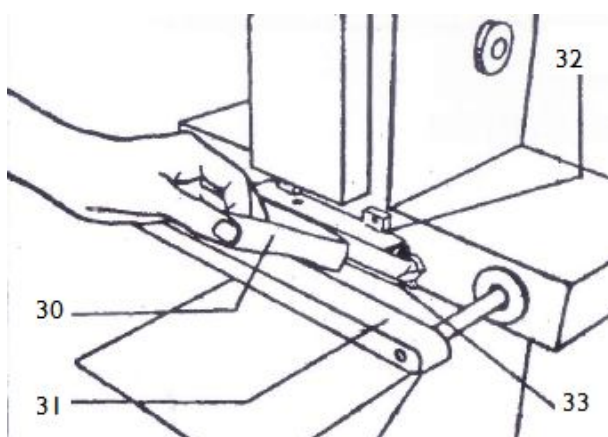
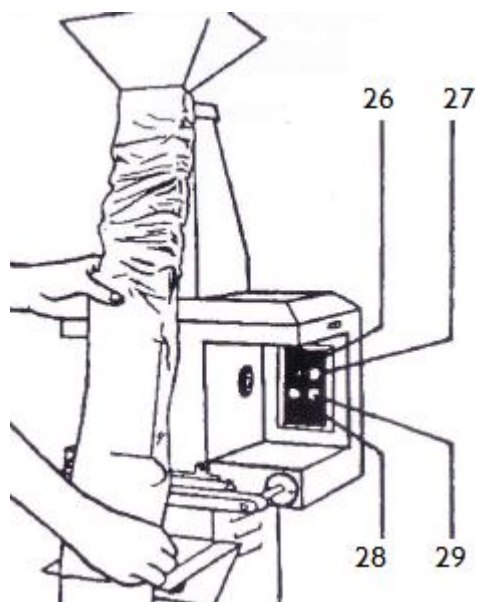
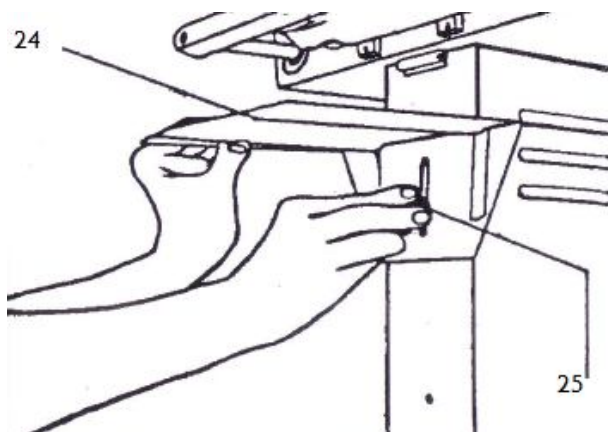
Tools required to unpack
• Pry bar/Crowbar • Claw hammer

7. INSTALLATION

- a. Loosen the six screws of the link cabin lid and remove it.
- b. Fix the funnel holder using the four nuts and bolts provided.
- c. Fix the funnel in the gap provided in the funnel holder using the funnel pins provided.
- d. Attach adjustable bag rest to the machine below the sealing jaw for placing bags at convenient height.
- e. Sleeve of width ranging from 5" to 7" can be inserted from the bottom of the funnel.

8. LIST OF PARTS





Sl no	Item name	Item code
1	Funnel	1006076
2	Jaw holder	1039127
3	Pedal	1006048
4	Funnel holder	1006015
5	Link cabin	1006033
6	Bag rest	1006002
7	Buzzer	1023136
8	Link D	-
9	Potentiometer	1023207
10	Pedal cable	1049817
11	Microswitch lever	-
12	Microswitch	1023111
13	Control transformer	1043002
14	Control board	1037006
15	Link cabin	1006033

16	Relay	1023117
17	Timer PCBA	1033036
18	Power transformer	1043024
19	Link cabin lid	1006035
20	Funnel holder	1006015
21	Funnel	1006076
22	Funnel pins	1031031
23	Mushroom knob	1051031
24	Bag rest	1006002
25	Bag rest knob	1049066
26	Power on LED	1023098
27	Sealing time LED	1023101
28	Fuse holder	1023061
29	Control knob	1051028
30	Teflon cloth	1050124
31	Jaw holder	1039127
32	Element tension spring	1042007
33	Bottom fabric	1050127
34	Heating element	1028007
35	Element bed	1024010

9. OPERATION

CONTROL PANEL:

- ❖ Control knob for sealing
- ❖ Fuse socket
- ❖ Sealing time LED
- ❖ Power LED

Setting sealing time:

Set the required sealing time depending on the film to be used. Thicker pouches require more sealing time.

- a. Connect the machine to a suitable power socket.
- b. Set the required sealing time for the pouch to be sealed by turning control knob.
- c. Insert the sleeve from bottom of the funnel and seal the bottom of the sleeve first time.
- d. Insert the product through funnel and place the open end of the pouch in between the sealing jaw.
- e. Press the foot pedal till three buzzing for cooling and sealing time LED will be turned off after the sealing.
- f. Release the pedal and inspect for sealing perfection. Adjust the sealing time if required.

10. MAINTENANCE

- ❖ Clean the machine daily after usage.

REPLACING THE TEFLON FABRIC

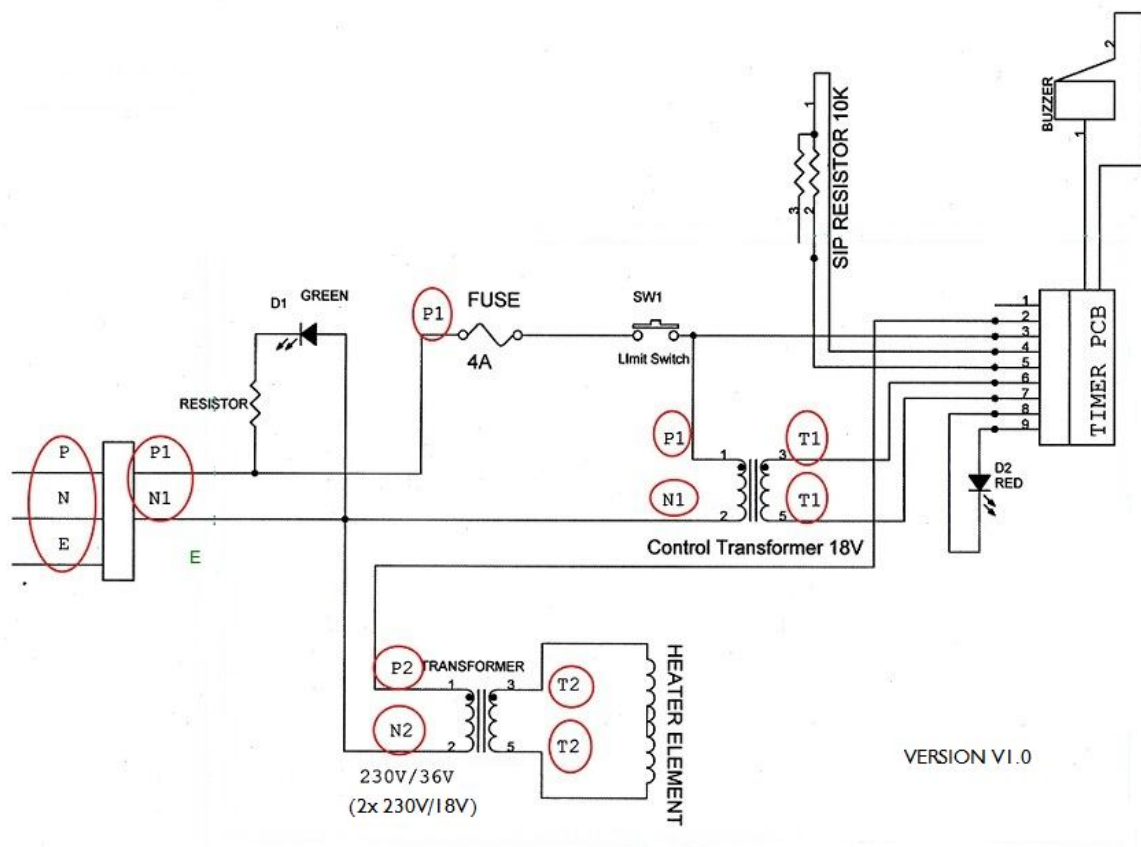
The teflon fabric over heating element may get darkened as a result of continuous usage. It is recommended to replace the fabric to avoid poor quality sealing performance.

- Pull out the teflon fabric.
- Clean element & element bed to remove any adhesive deposited on it.
- Then stick a new teflon fabric over the heating element.

CHANGING THE HEATING ELEMENT

- Pull out the teflon fabric.
- Remove the damaged heating element.
- Check the bottom fabric for any damage.
- Then clean the element bed with petroleum based stain remover to remove any adhesive deposited on it.
- Stick a new bottom fabric on the element bed.
- Hook one end of the heating element onto one of element tension spring and hold the other element tension spring with screw driver and hook other end of heating element onto it.
- Stick the teflon fabric over the heating element.

11. ELECTRICAL SCHEMATIC



12. TROUBLESHOOTING

No.	Complaint	Reasons	Remedy
1	Machine doesn't seal and power on LED doesn't glow.	1.No AC supply. 2.Fuse blown. 3.Mains cord failure.	1.Restore AC supply. 2.Replace the fuse. 3.Replace mains cord.
2	Machine doesn't seal when the pedal is pressed.	1.Microswitch does not operate. 2.No output from CT18V.	a)Check the microswitch and then replace the defective. b)Check whether the link D presses the microswitch lever while the pedal is pressed. If not adjust the link D properly. a)Check output of the control transformer and then replace the defective. b)If CT output is 15 -18VAC range then timer PCBA may be defective.
3	Machine doesn't seal. Sealing time LED glows when pedal is pressed and buzzer beeps when set time reached.	1.Burnt heating element. 2.Both end of heating element shorted to the element bed. 3.Defective relay.	1.Replace it. 2.Replace the bottom fabric. 3.Replace it.
4	Machine seals continuously when the pedal is pressed. Sealing time LED glows continuously.	1.Defective timer PCBA. 2.Defective potentiometer.	1.Replace it. 2.Replace it.
5	Machine seals continuously when the pedal is pressed. Sealing time LED glows and put out after the set time. Then buzzer beeps.	1.Defective relay.	1.Replace the relay.
6	Element fails continuously. or Nonuniform sealing.	1.Uneven element bed due to clogged adhesive at different places. 2.Bent on pressure pad. 3.Higher temperature setting.	1.Clean the element bed and stick the bottom fabric. 2.Replace the pressure pad. 3.Reduce the time.
7	Jaw does not close while pressing the pad.	1.Pedal cable slipped away from its position.	1.Re position the cable.

13. SERVICE LOG

[illegible]

[illegible]