



AN ISO 9001:2008 CERTIFIED COMPANY

USER MANUAL

Pneumatic Sealer

QS300x10PNI



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YOUR PACKAGING PARTNER

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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.

Sevana Electrical Appliances reserves the right to change any or all information contained herein without prior written notice. Revisions may be issued at the time of such changes and/or deletions.

3. SAFETY PRECAUTIONS

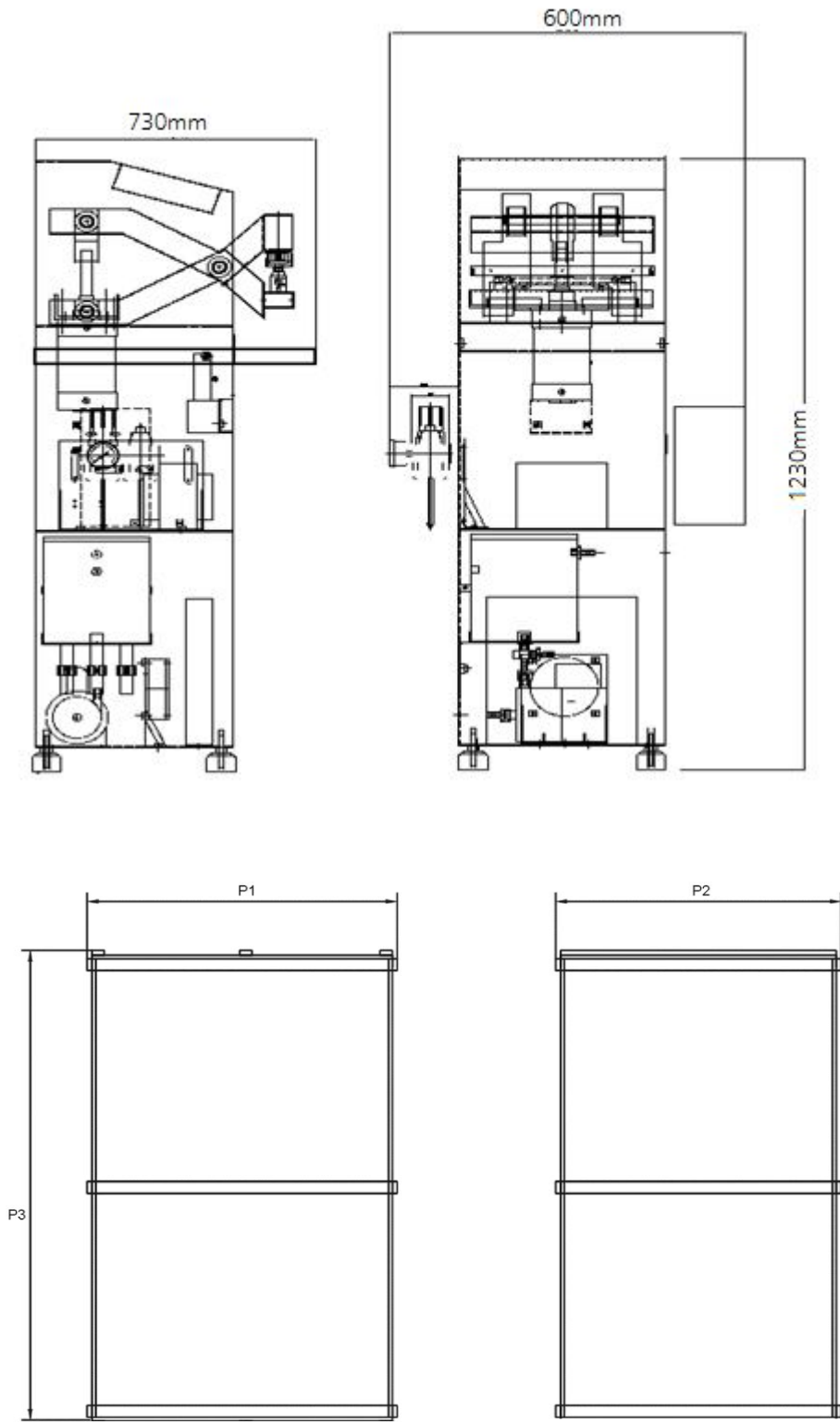
❖ Introduction

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.

4. CASE AND MACHINE DIMENSIONS



Model	P1	P2	P3	M1	M2	M3
QS300PNI	700	800	1360	600	730	1230

5. PACKING SLIP

Item	Quantity
Machine	1
Users manual	1
Teflon tape 25mm	1mtr
Spare heating element	1
PU tube 8mm	1.5mtr
Male connector ¼ -8mm	1

6. TECHNICAL SPECIFICATIONS

Model	QS 300x10 PNI
Sealing dimensions (L x W)	300mm x 10mm
Machine dimension(L x W x H)	600mm x 730mm x 1230mm
Compressed air pressure(Kg/cm ²)	6-8
Compresses air requirement(LPM)	40
Voltage/frequency, power	240V/50Hz, 1.6KW
Water cooling pump capacity	1/12HP, 520W

7. 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.

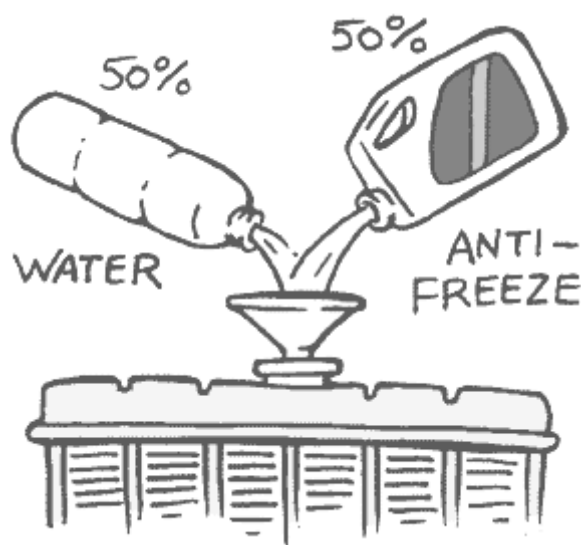
Tools required to unpack
• Pry bar/Crowbar • Claw hammer

8. INSTALLATION

- Fix product table.
- Pneumatic hot bar sealer uses water cooling to cool the sealing jaws. Fill the mixture of 50% water and 50% anti-freezing agent as the coolant into the bottle provided in the side of the machine.
- Connect the plug to a single phase power socket(240V/50Hz).
- Press the power switch on the front panel of the machine.
- Ensure the flow of coolant through radiator, pump and sealing jaws. Allow the radiator to cool.
- Sealing jaw is pneumatically operated. Use 8mm PU tube to connect compressed air of 6-10Bar, 100LPM to the FRL (Filter Regulator Lubricator) provided with the machine. Regulate the pressure value for better performance.
- Set the parameters (Heater on time, cooling time & motor on time) as per the pouch.

FILL WATER IN THE RADIATOR:

The pneumatic sealer uses water cooling to cool the sealing jaws. Ensure that water is filled sufficiently before you switch on the machine.



CONNECTING TO COMPRESSED AIR SUPPLY:

Machine is pneumatically operated and requires compressed air

SEALING TYPE	COMPRESSED AIR SPECIFICATION
Pneumatic	6-10 Bar, 100 LPM



Connect the compressed air to the FRL (Filter Regulator Lubricator) Unit provided. Pressure should be adjusted to get best results.

9. OPERATION

PROGRAM MODES:

Sevana's micro-processor based PNI machine has 4 preset modes or programs. Each program can be set with different parameters.

To preset program modes:

Select the mode by pressing "MODE" button

MODE: 1 RDY FOR SEALING

To set the parameters press "SET" button.

SET-HEATER ON TIME: 1

To change the value press the "UP" or "DOWN" button continuously till the required value is displayed.

To save the new value and display the next parameter press SET. If the value needs to be left unchanged simply press the SET button to skip and display will go to the next parameter

SET -COOLING TIME: 2

SET-MOTOR ON TIME: 2

SET-BUZZER ON/OFF ON

PLEASE WAIT.....

Once the display shows "RDY FOR SEALING" the machine is ready for operation.

CONTROL BUTTONS:

- ❖ SET button
- ❖ DOWN button
- ❖ UP button/ MODE button

To start the machine, connect the machine to power supply and switch on the power switch.

A LCD check function is done first. Version of the software is displayed.

SEVANA PNI Ver 1.0

The machine has 4 modes. Each mode preset parameters are

- ❖ SEALING TIME
- ❖ COOLING TIME
- ❖ MOTOR ON TIME

These parameters can be modified by the operator if required.

The machine will automatically go to the previously used mode after initializing.

MODE: 1 RDY FOR SEALING

Press the foot switch.

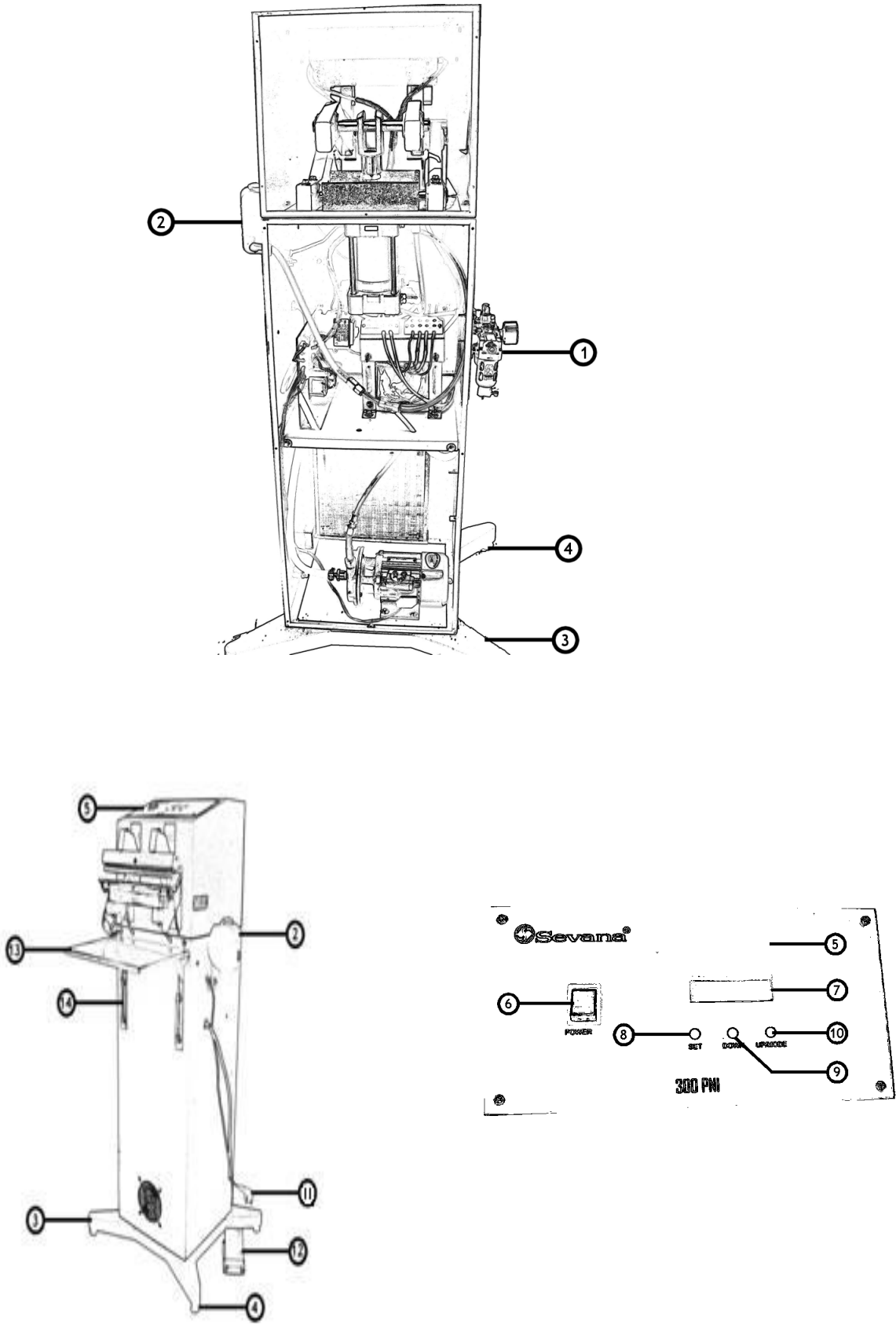
SYSTEM BUSY SEALING

SYSTEM BUSY COOLING

After the entire cycle has been completed the display will show "CYCLE COMPLETED"

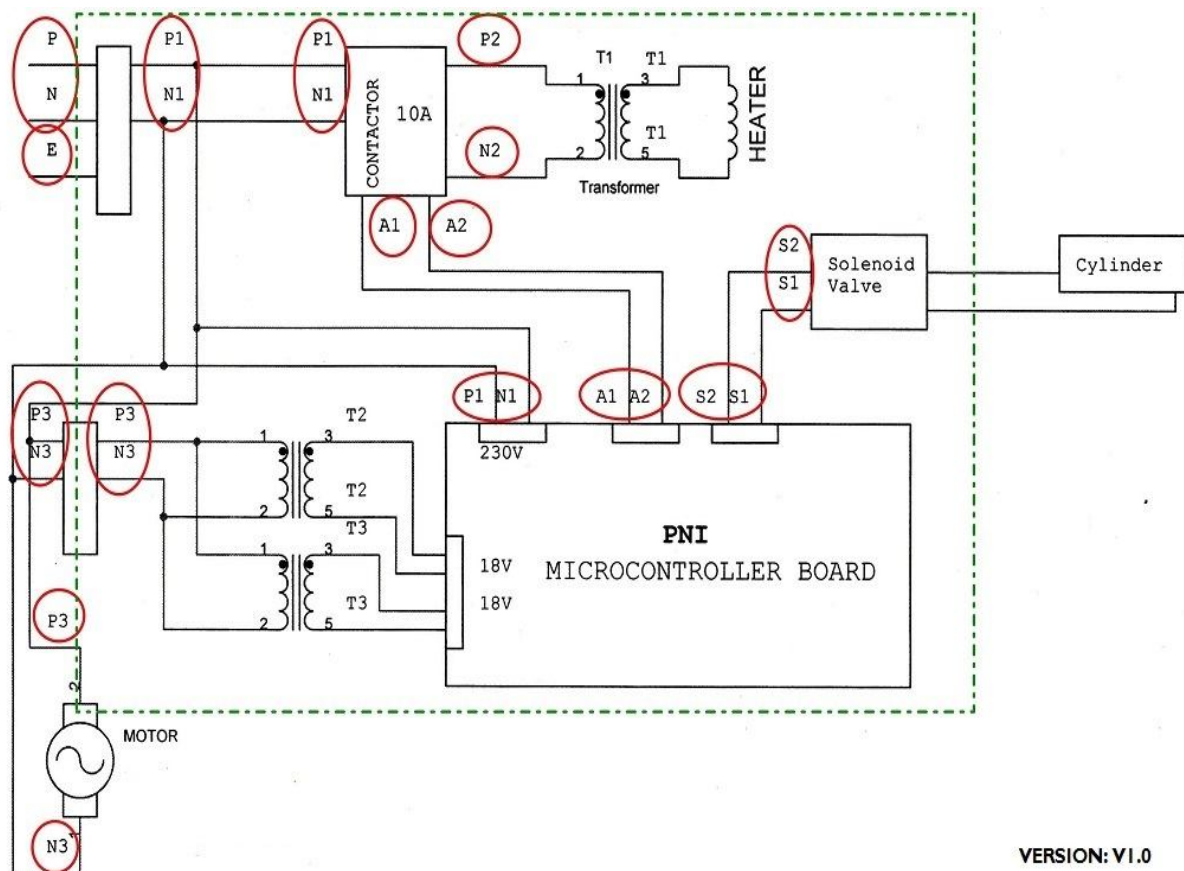
***** CYCLE COMPLETED

10. LIST OF PARTS



Sl no	Name of item	Item code
1	Filter regulator cum lubricator	1036013
2	Coolant tank	1049219
3	Base	1016008
4	Leveling screw m8x35	1038011
5	Control panel	1023001
6	Rocker switch	1023199
7	LCD display	1023052
8	Set button	1023210
9	Down button	1023210
10	Up/mode button	1023210
11	Mains cord	1029005
12	Foot switch	1022009
13	Product support	1016065
14	Leveling screw m8x35	1038011

11. ELECTRICAL SCHEMATIC



VERSION: VI.0

12. SERVICE LOG

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