



SINCE 1972

INSTRUCTION MANUAL

SEALING MACHINES



IMPORTANT: Please read the entire manual before equipment usage



**100%
MADE IN
BRAZIL**

PRESENTATION

This manual is considered an integral part of the equipment produced by CIMISA MÁQUINAS POZZER LTDA. The purpose of this manual is to guide you through the necessary procedures from its acquisition to the operational procedures for use, safety, and maintenance. The operator must carefully read the entire manual before operating the equipment and ensure compliance with the safety recommendations.

CIMISA provides guidance to the consumer regarding maintenance items, safety, their obligations in the event of technical assistance, strict compliance with the warranty terms, and reading the instruction manual. We emphasize the need to observe all the items in this manual, as doing so will increase the lifespan of your equipment.

SAFETY RULES



This warning symbol indicates important safety caution. In this manual, whenever you come across this warning, please read the following message carefully and be mindful of the possibility of personal accidents.

The CIMISA sealing machines are easy to operate, but they require essential care in handling. Always keep in mind that **SAFETY REQUIRES CONSTANT ATTENTION, OBSERVATION, AND CAUTION.**

NEVER HANDLE THE PARTS OF THE SEALING MACHINE WHILE THE EQUIPMENT IS IN OPERATION.

ANY AND ALL REPAIRS SHOULD BE PERFORMED WITH THE EQUIPMENT TURNED OFF.



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INTRODUCTION

Cimisa sealers have been developed to achieve high production per hour with sealing of materials such as polypropylene, polyethylene, and many other materials. The Cimisa Sealer is a highly versatile equipment, with no width limit for sealing due to its continuous sealing capability. It is easy to install and use.

TECHNICAL SPECIFICATIONS

Height: 1174.4 mm

Width: 425 mm

Length: 2220 mm

Power: 660 Watts

Voltage: 220 Volts - 3A / 110 Volts - 6A

Consumption: 0.45 kW/H

Weight: 115 kg

Production Capacity: 9 meters per minute

Packaging Size: 45 mm to 660 mm in height

GETTING TO KNOW YOUR EQUIPMENT

Panel

The panel is located on the front side.



IMAGE 01

- ON/OFF Button

When pressed, it will open the main screen where the programmed speed and current temperature will be displayed. The movement of the transport pulleys will start at the speed of the last programmed setting. The indicated temperature will be the ambient temperature. From this moment, the heating elements will start to heat up until reaching the last programmed value.

In the continuous sealer that seals PE (polyethylene) plastics, this equipment reaches its temperature in an estimated time between 3 to 5 minutes



IMAGE 02

-ON/OFF Button

GETTING TO KNOW YOUR EQUIPMENT

- **Speed Adjustment Controller:**

It is used to change the transport speed of the packages. The adjustment is made through the potentiometer located on the equipment cover.

Note: The higher the equipment speed, the higher the temperature required to seal the packaging.

- **Temperature Adjustment Controller:**

It is used to change the working temperature of the sealer. For PE sealer, it ranges from 0°C to 240°C. The adjustment is made through the keys on the temperature controller located on the equipment cover. Once the desired temperature is set, it will flash for 3 seconds and remain saved.

Note: Typically, temperatures between 130°C and 220°C are used.



IMAGE 03

- 1 - Power on/off button.
- 2 - Cooling indicator.
- 3 - Sealing temperature controller.
- 4 - Sealing speed potentiometer.
- 5 - Conveyor speed potentiometer.

(Some equipment versions have a slide gate that overrides this potentiometer.)

GETTING TO KNOW YOUR EQUIPMENT

- **Auxiliary Conveyor:**

Some models of Roadpress continuous sealers require an auxiliary conveyor to assist in transporting bags weighing over 1kg. Its speed is adjusted through the function key, going through recipe parameters such as temperature and speed until reaching the auxiliary conveyor speed.

Note: The auxiliary conveyor does not have the same speed programming as the main packaging conveyor due to physical reasons, as the pulleys of each conveyor have different sizes.

Example: The packaging conveyor is set at 25% speed, and to achieve the same speed on the auxiliary conveyor, it is programmed as 28% on the panel. The difference between them will always be small and never equal.



IMAGE 04

GETTING TO KNOW YOUR EQUIPMENT

- Operation:

After configuring the machine for your packaging and ensuring it is properly heated, the sealing process can be initiated.

The PE Sealer comes equipped with a pair of guides. To start the process, the operator should hold the top end of the packaging and gently stretch it until it is guided by the belts and fully enters between the guides.

The PP Sealer does not have guides. To start the process, the operator should hold the top end of the packaging and gently stretch it until it is guided by the belts. After the process is complete, the bag will exit ready on the conveyor or the slide.

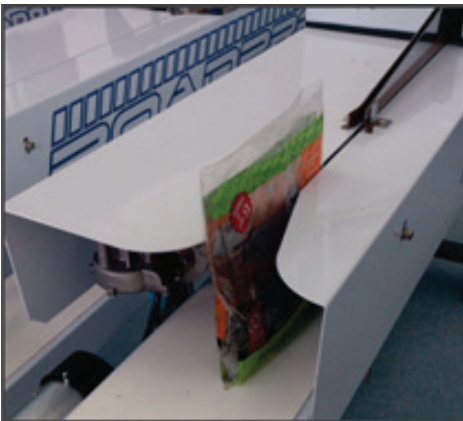


IMAGE 05

Note:

Some sealers are equipped with air extractors, depending on the packaging and customer requirements. The process remains the same, with the addition of passing the packaging through the air extractor.

MAINTENANCE

- Teflon Tape:

After a few months of use, the Teflon tape will become worn out. We recommend replacing it every 3 months, although it may need to be replaced sooner depending on usage. To remove the damaged tape, simply release the tensioner and pull the tape upwards. Insert the new tape through the pulleys and reapply the tensioner to the tape. The same procedure applies to both Teflon belts.



IMAGE 06

It is essential to leave a clear space between the jaws, which varies between 1 to 3mm depending on the packaging. For calibration, we advise folding the packaging once and passing it between the jaws without touching the Teflon belt.

Note: If the space is too wide, the packaging will not reach the necessary heat.

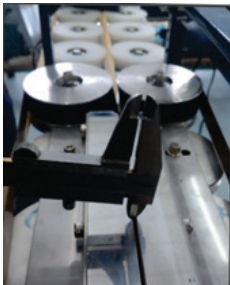


IMAGE 07

- Replacement of Heating Element:

When the machine is cold, loosen the screws holding the jaw and carefully pull out the heating element. Replace the wires on the strip with the wires of the new heating element and place the element back into the jaw in the same position as the previous one. The same process applies when replacing the thermocouple. The heating element used in Roadpress PE is the 'Cartridge Heating Element', available in two sizes depending on the machine, 160mm and 330mm.



IMAGE 08

In the strip, the wires are arranged alternately. There are 6 wire inputs, with the first two occupied by the sensor. The remaining 4 wires are alternated as follows: wire 3 and 5 for heating element (A), and wire 4 and 6 for heating element (B).

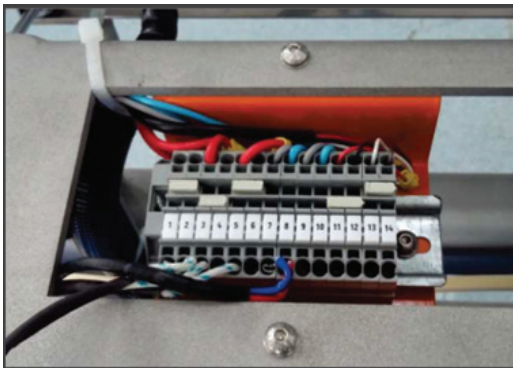


IMAGE 09

- Belt Replacement:

Remove the covers and jaws, loosen the screws attached to the oblongs of the motor support.

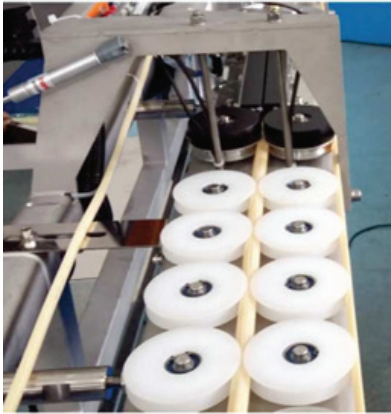


IMAGE 10

Keep the 4 M8 threaded bars that support the brackets attached to the structure, loosen the nuts of two threaded bars (three in the long PE model), the central bracket will become loose, move it backward, and the two belts will become loose, replace them with new belts.

Keep the 4 M8 threaded bars that support the brackets attached to the structure, loosen the nuts of two threaded bars (three in the long PE model), the central bracket will become loose, move it backward, and the two belts will become loose, replace them with new belts

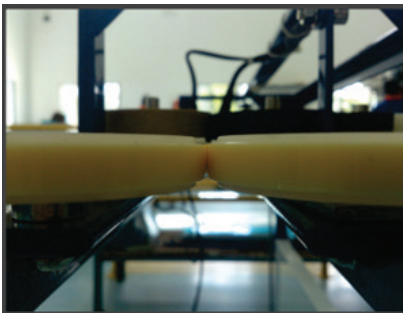


IMAGE 11

With the screw loosened from the bar, adjust the central bracket until it aligns with the front bracket, once done, tighten the screws. Stretch the belts using the end pulley and the motor support.



CLEANING

After the work shift of the Sealer is completed, it is of utmost importance to clean the machine. We recommend using compressed air to remove any debris that has accumulated on the machine, preventing them from damaging any mechanical parts and thereby extending the life of the components.



F.A.Q.

Failure: Panel does not turn on.

Cause: Main fuse blown.

Solution: Replace 5A fuse.

Failure: Main motor does not turn on.

Cause: Secondary fuse blown.

Solution: Replace 5A fuse.

Failure: Panel temperature failure.

Cause: Damaged thermocouple.

Solution: Replace thermocouple.

Failure: Packaging does not seal.

Cause: Low temperature or high speed.

Solution: Increase temperature or decrease speed.

Failure: Packaging melting.

Cause: High temperature or low speed.

Solution: Lower the temperature or increase the speed.

Failure: Loss of motor power or motor not functioning.

Cause: Worn motor carbon brushes.

Solution: Replace motor carbon brushes.

WARRANTY TERM

CIMISA MÁQUINAS POZZER LTDA., Business company, established on highway RS 467, 578 - Tapejara, RS, Zipcode: 99.950-000, taxpayer identification number (CNPJ) 90.779.299/0001-17. CIMISA assures to new customers for a period of 01 (one) year, starting at the purchase date, full warranty against factory defects or of material that result in compromise of the product's operation, as long as the following criteria are met:

CONDITIONS

- 1 - The terms of this warranty are only applicable to equipment purchased directly from authorized dealers or directly from the factory;
- 2 - CIMISA ensures that the products – including those equipment and accessories originally installed by CIMISA – are surely free from material or factory damage and follow strictly the standard usage as listed in the operational manual;
- 3 - Observe the conditions of the warranty, CIMISA will repair or substitute, at its own criteria, pieces covered by this warranty when they are found defective either from material or from manufacturing, during the prestablished warranty term;
- 4 - The repairs or substitutions, according to this warranty and its prestablished deadline, must be executed by the manufacturer's factory or authorized services referred by CIMISA, without any extra charges regarding installation or components, except grease, cleansing products, lubricants, joints and other similar minor needs;
- 5 - CIMISA's responsibility, according to this warranty, is limited to repairment or replacement of any given original piece that, within the warranty period, must be sent to CIMISA's authorized sales representatives, which will be analysed by specialists in order to attest and prove that the claimed defect is accurate;
- 6 - The product's warranty includes any given manufacturing defect, as long as all pieces and components are found to be legitimate CIMISA pieces and delivered by authorized personnel;



WARRANTY TERM

7 - Pieces and components covered by the warranty will be replaced or refunded only if the defect is attested by the CIMISA'S technical assistance or authorized personnel;

8 - This warranty does not cover pieces with wear damage, damage due to operational conditions and other aspects such as climate characteristics specific to one's area;

9 - In order to validate this warranty, it is mandatory for customers to present the certificate of technical delivery, properly filled out, along with the sale's receipt;

10 - As long as the conditions of this warranty term are met, CIMISA assures repair or replacements of damaged equipment, free of charge.

WARRANTY LOSS:

Warranty will no longer be valid in the following situations:

1 - Damage caused by incorrect use, abuse, negligence or lack of proper maintenance, which demonstrates non compliance with the instructions advised by the manufacturer and presented to the user in the operating manual;

2 - Damage caused by accidents or weather and other natural causes;

3 - Repairs, modifications or violation of pieces or components, performed by unauthorized personnel.

4 - Type-overs, crossed out words or omission of information when delivering the certificate of technical delivery, the warranty certificate, the machine's identification plate or the sale's receipt.

IMPORTANT:

If your product presents with damage within the warranty period, reach out to authorized personnel or the manufacturer exclusively. The equipment should only be repaired or assembled while monitored and witnessed by properly qualified personnel, with proper credentials by the manufacturer, as well as with the use of recently purchased original pieces, under the penalty of warranty loss and exempting CIMISA from any responsibility.

STORE YOUR SALE'S RECEIPT IN A SAFE PLACE. THAT IS THE DOCUMENT THAT ENSURES YOUR WARRANTY DEADLINE.

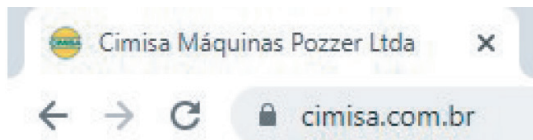


Warranty validation

FIND THE NEAREST SALES REPRESENTATIVE NEAR YOU

• **STEP ONE**

Access CIMISA's website on ***www.cimisa.com.br***

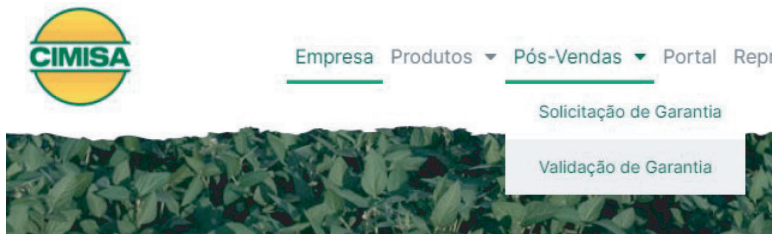


• **STEP TWO**

Click on Post-Sales on the website

• **STEP THREE**

To validate the warranty, under post-sales, select the second field, ***warranty validation***.



• **STEP FOUR**

Fill in the customer's information.

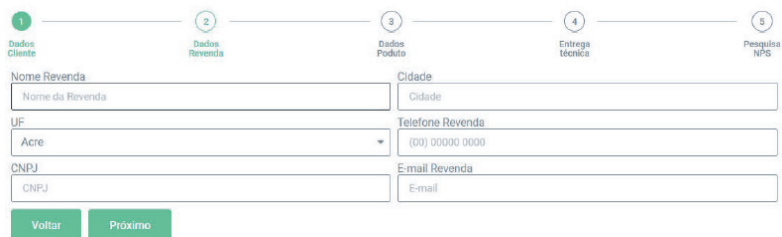
IMPORTANT: all fields must be filled out, otherwise you won't be allowed to move on to the next step. The information to be filled must refer to the person who purchased the product.



1	2	3	4	5
Dados Cliente	Dados Revenda	Dados Produto	Entrega Técnica	Pesquisa NPS
Nome		CPF		
<input type="text"/>		<input type="text" value="000.000.000-00"/>		
Cidade		UF		
<input type="text"/>		<input type="text" value="Acre"/>		
Telefone		Email		
<input type="text"/>		<input type="text" value="Email"/>		
<input type="button" value="Próximo"/>				

• **STEP FIVE**

IMPORTANT: all fields must be filled out, otherwise you won't be allowed to move on to the next step. The information to be filled must refer to resales



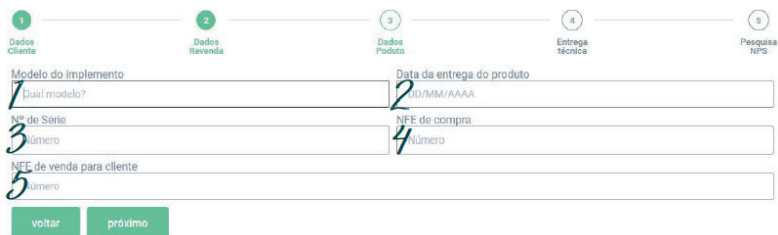
The form is divided into five steps:

- 1 Dados Cliente:** Nome Revenda, UF (dropdown menu with 'Acre' selected), CNPJ.
- 2 Dados Revenda:** (No visible fields)
- 3 Dados Produto:** (No visible fields)
- 4 Entrega técnica:** Cidade, Telefone Revenda (format: (00) 0000 0000), E-mail Revenda, E-mail.
- 5 Pesquisa NPS:** (No visible fields)

Buttons: Voltar, Próximo

• **SIXTH STEP**

IMPORTANT: all fields must be filled out, otherwise you won't be allowed to move on to the next step. The information to be filled must refer to resales



The form is divided into five steps:

- 1 Dados Cliente:** Modelo do implemento (with handwritten '1' and 'Qual modelo?').
- 2 Dados Revenda:** (No visible fields)
- 3 Dados Produto:** N° de Série (with handwritten '3' and 'Número').
- 4 Entrega técnica:** Data da entrega do produto (with handwritten '2' and 'DD/MM/AAAA'), NFE de compra (with handwritten '4' and 'Número').
- 5 Pesquisa NPS:** NFE de venda para cliente (with handwritten '5' and 'Número').

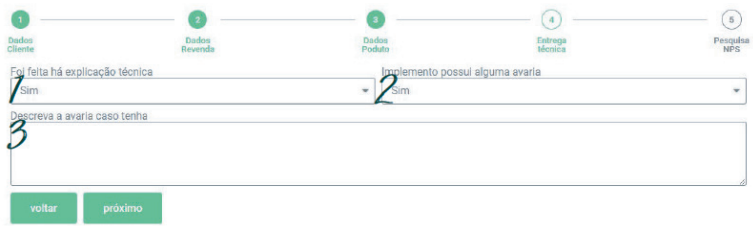
Buttons: voltar, próximo

- 1 - Which product line was purchased? (Micro, Classifiers, densimetric tables, seed processors etc.).
- 2- Date when the technical delivery was delivered to the customer.
- 3- Serial number of the equipment, that will be listed both on the sale's receipt and the identification plate.
- 4- Sale's client receipt number.
- 5- Final customer's sale's receipt number.

• SEVENTH STEP

IMPORTANT: all fields must be filled out, otherwise you won't be allowed to move on to the next step.

The information to be filled must refer to resales.



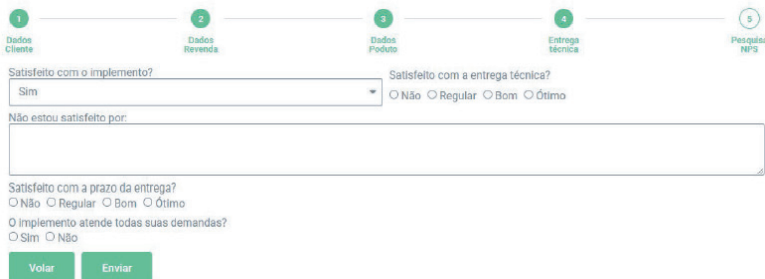
1- In this field, there is a yes or no option to choose if the technical delivery was done.

2- The purpose of this field is to identify if the equipment has any visible damage, it is a yes or no question.

3- This field is exclusively for those who answered YES to question 2 and the customer can explain the damages found.

• EIGHT STEP

IMPORTANT: all fields must be filled out, otherwise you won't be allowed to move on to the next step. On this field, it is important to fill out all the information according to the customers satisfaction, to identify if the product met their expectations and their considerations for possible improvements





• **NINETH STEP**

Generating the Warranty Certificate.

After all previous steps have been concluded, after you click send, the warranty certificate will be generated automatically, which will be forwarded to the informed e-mail. The certificate is the proof of warranty of your equipment.





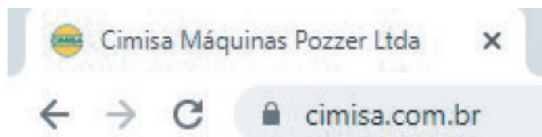
Warranty request

The purpose of this manual is to guide the resales on how to proceed with warranty requests and warranty validations. By doing so, we ensure a more practical and agile resales system while maintaining trusted assistance and the possibility of following your requests along in real-time. Regarding warranty validation, it is an attempt to demonstrate how reliable the resales system is to the final customer. When the warranty is validated, a certificate of warranty is generated for the client.

Important: The request must be filled out within 30 days of the technical delivery.

• STEP ONE

Access CIMISA's website on www.cimisa.com.br



• STEP TWO

Hover the Post-Sales tab on the website and choose **warranty request**.



• STEP THREE

Fill in the customer's information.

IMPORTANT: all fields must be filled out, otherwise you won't be allowed to move on to the next step. The information to be filled must refer to the person who purchased the product.

1 Dados Proprietário 2 Dados Revenda 3 Dados do Equipamento 4 Reclamação

Nome E-mail

Telefone UF Cidade

Próximo

• STEP FOUR

Resales Information

IMPORTANT: all fields must be filled out, otherwise you won't be allowed to move on to the next step.

The information to be filled must refer to resales.

1 Dados Proprietário 2 Dados Revenda 3 Dados do Equipamento 4 Reclamação

Nome da Revenda E-mail revenda

Telefone Revenda UF Revenda Cidade Revenda

Voltar Próximo

• STEP FIVE

Equipment Information

***IMPORTANT:** all fields must be filled out, otherwise you won't be allowed to move on to the next step.

1 Dados Proprietário 2 Dados Revenda 3 Dados do Equipamento 4 Reclamação

1 Equipamento 2 Série NF-e 3 Série NF-e

Escolher arquivo Nenhum arquivo selecionado 4 Modelo 5 Hora 6 Horas

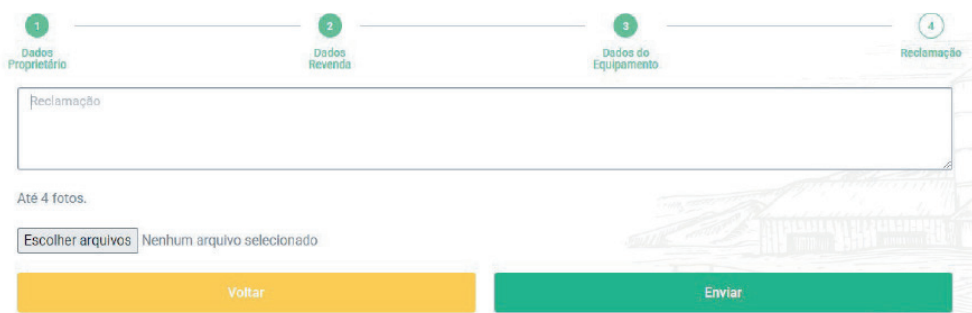
Voltar Próximo

1. Which product line was purchased? (Micro, Classifiers, densimetric tables, seed processors etc.).
2. Sale's client receipt number .
3. Serial number of the equipment, that will be listed on the sale's receipt.
4. Product's Model (CS3B, CS4, CD2000, MD50, M60, etc...)
5. Date warranty was requested.
6. Hours worked with the equipment, in case it is unknown, inform 000.

• **STEP SIX**

Problem Description

Images to illustrate the occurring events is mandatory and must be discussed along with the detailed history of the problem , if there were broken pieces, inform and forward evidence through pictures.



The screenshot shows a web form with a progress bar at the top containing four steps: 1. Dados Proprietário, 2. Dados Revenda, 3. Dados do Equipamento, and 4. Reclamação. The fourth step is active. Below the progress bar is a large text input field labeled 'Reclamação'. Underneath it, there is a section for photos with the text 'Até 4 fotos.' and a file selection button labeled 'Escolher arquivos' with the status 'Nenhum arquivo selecionado'. At the bottom of the form are two buttons: a yellow 'Voltar' button and a green 'Enviar' button.



Final Considerations:

After following the adjustments and preventive measures described in this manual, your equipment is ready for use. In order to provide the best customer service, Cimisa Máquinas Pozzer Ltda offers the following communication channels:

Cimisa:

CIMISA@CIMISA.COM.BR

(54) 3344-1092

WWW.CIMISA.COM.BR

After-Sales:

POSVENDAS@CIMISA.COM.BR

(54)99961-1282

Sales:

COMERCIAL@CIMISA.COM.BR

(54)99630-8455



www.cimisa.com.br