



SINCE 1972

INSTRUCTION MANUAL

# BAGGING SCALE

MODEL: BIG BAG 2.000 KG



**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 bagging scales 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 BAGGING SCALE  
WHILE THE EQUIPMENT IS IN OPERATION.**



## **SUMMARY**

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## **INTRODUCTION**

Cimisa scales have been specially developed to assist in weighing cereals used on your property.

With an innovative design, the Cimisa scale line was born from a concept of technological excellence to meet the needs of producers who require high performance on their property.

## **TECHNICAL SPECIFICATIONS**

**Big Bag Weighing Scale 2000Kg**

**Capacity: 500 to 2000Kg**

**Weight with packaging: 140Kg**

**Height: 2.90m Width: 1.60m**

**Length: 1.40m**

**Air consumption: 4bar**

**Fully electronic system**

**Dual voltage power supply: 110/220v (single-phase)**

**Big Bag bagging**

**Equipped with load cell**

**Weight indicator**

**Programmable logic controller (PLC)**

**Adjustable bag height**

**Pneumatic bag holder**

**Bag counter**

**Scale accuracy: 99.5%**



## Electrical Power

Before activating the equipment, verify if the electrical voltage supplied by the local utility company is compatible with the nominal voltage of the equipment. If the electrical installation of the equipment does not comply with the grid voltage, it should be modified to match the specifications of the equipment.

All electrical installation at the site must be performed properly and safely, following the prescribed safety standards. If in doubt, consult a qualified professional.



**There is no warranty for problems related to the electrical network, site installations, electrical discharges, and others.**



**Risk of electric shock. Always consult a qualified professional.**

It is necessary for the equipment to receive a stable power supply, free from voltage (Volts) and frequency (cycles) fluctuations.

## **USING THE EQUIPMENT**

### **FRONT PRESENTATION OF THE BAGGING SCALE**

On the front part of the machine, there is the weighing platform and the bag support with adjustable height through the side pins, to align with the product's discharge spout. This platform has a capacity of up to 2000 kilograms. Your equipment has a PLC (Programmable Logic Controller), a control box where all the configurations are made.

### **CONFIGURATION**

After turning on the equipment, press the "MENU" button on the PLC. The display will show "DESIRED WEIGHT". To modify it, press "ENTER" and the "(↓)" button until the digit is in the decimal place to be changed, then click "(↑)" to increase the number in ascending order. If the number exceeds the desired value, continue until the sequence restarts. To move to the next decimal place, press "(↓)", and after all the necessary changes, press "ENTER", and "MENU" advances to the next screen.

The display will show "STABILIZATION TIME", where we enter a specific time for stabilization when the pneumatic valve is closed. It is recommended to enter a value close to 1 second. After all the necessary changes, press "ENTER", and "MENU" advances to the next screen.

The display will show "VALVE OPEN". This is a configuration for the "pulse mode" of the equipment, where the guillotine will open and close repeatedly when it reaches the "FINE ADJUSTMENT PULSE" value. On this screen, the time in which the guillotine will remain open in this process is determined. It is recommended to enter a value close to 1 second, but it can vary depending on the density of your product. To modify it, press "ENTER", the "(↓)" button decreases, and the "(↑)" button increases the time.

After all the necessary changes, press "ENTER", and "MENU" advances to the next screen. The display will show "VALVE CLOSED". This screen still influences the fine adjustment, this time determining the time in which the guillotine will remain closed after the "GUILLLOTINE OPENS" seconds. It is recommended to enter a value close to 2 seconds (time for the platform to read the weight), but it can vary depending on the density of your product. Pressing "MENU" advances to the next screen.



The display will show "AUTO / MANUAL". On this screen, we determine whether the machine will work in manual mode (o) (the bagging of a new package only starts with the operator's click on the equipment's button or foot pedal) or in automatic mode (1) (the operator only manually bags the first one, and the subsequent ones start after the time entered in "AUTOMATIC TIME" has elapsed). To switch between automatic mode (1) and manual mode (o), press "ENTER" and "(SETA CIMA)" / "(SETA BAIXO)". Then press "ENTER" again and "MENU" to advance to the next screen.

The display will show "AUTOMATIC TIME". This setting applies when automatic mode (1) is selected on the "AUTO / MANUAL" screen. Pressing "ENTER" allows you to change the time when a new bagging will start, during which time the operator should change the packages. After all the necessary changes, press "ENTER", and "MENU" advances to the next screen.

The display will show "FINE ADJUSTMENT PULSE" (in this function, the weight to be entered should be around 30% below the "DESIRED WEIGHT"), where the machine starts the pulse mode when the inserted value is reached. Pressing "ENTER" allows you to change at which weight this function will be activated. After all the necessary changes, press "ENTER", and "MENU" returns to the home screen.

## **BAGGING PROCESS**

If the equipment is connected to power, configured, adjusted according to the packaging, and the reservoir is filled with the product, you can start bagging. If manual mode has been selected (on the "AUTO 1 / MANUAL o" screen), the operator will trigger each process. Firstly, position the bag on the platform, press the button on the CLP, or press the foot pedal. Once the weight selected in "FINE ADJUSTMENT PULSE" is reached, the machine enters the pulse mode until it reaches the "DESIRED WEIGHT" value. At the end of this process, the operator should replace the filled bag with a new empty one and press the button or foot pedal again to restart the process.

If automatic mode has been selected (on the "AUTO 1 / MANUAL o" screen), the operator only triggers the first process. Firstly, position the bag on the platform, press the button on the CLP, or press the foot pedal. Once the weight selected in "FINE ADJUSTMENT PULSE" is reached, the machine enters the pulse mode until it reaches the "DESIRED WEIGHT" value. At the end of this process, the operator should replace the filled bag with a new empty one within the time selected in "AUTOMATIC TIME". After the designated seconds have passed, the machine will automatically restart the process.



## **CLEANING PROCESS**

After the work shift, we suggest using compressed air to clean the entire equipment, taking care around the load cell and maintaining a greater distance when applying the compressed air.



## ***FREQUENTLY ASKED QUESTIONS***

### ***MY EQUIPMENT DOESN'T TURN ON***

- **Check if the emergency button is not activated.**
- **Verify if the equipment's power cable is connected to a functioning power outlet.**
- **Ensure that the equipment has not been exposed to moisture or experienced any electrical discharge in the past few days.**



## **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 - Observed 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 replacement\* 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

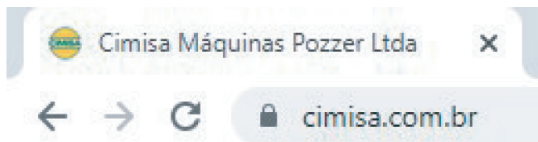
**FIND THE NEAREST SALES REPRESENTATIVE NEAR YOU**





• **STEP ONE**

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

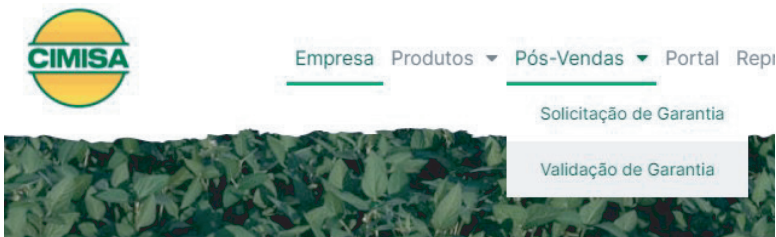


• **STEP TWO**

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 Dados Cliente

2 Dados Revendedora

3 Dados Produto

4 Entrega Técnica

5 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	E-mail
<input type="text"/>	<input type="text"/>

• **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

Progress indicator: 1 (Dados Cliente) — 2 (Dados Revenda) — 3 (Dados Produto) — 4 (Entrega Técnica) — 5 (Pesquisa NPS)

Nome Revenda	Cidade
Nome da Revenda	Cidade
UF	Telefone Revenda
Acre	(00) 00000 0000
CNPJ	E-mail Revenda
CNPJ	E-mail

• **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

Progress indicator: 1 (Dados Cliente) — 2 (Dados Revenda) — 3 (Dados Produto) — 4 (Entrega Técnica) — 5 (Pesquisa NPS)

Modelo do implemento	Data de entrega do produto
Qual modelo?	DD/MM/AAAA
Nº de Série	NFE de compra
3 número	4 número
NFE de venda para cliente	
5 número	

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 Dados Cliente  
2 Dados Revenda  
3 Dados Produto  
4 Dados Mônica  
5 Finaliza NPS

Foi feita há explicação técnica  
1 Sim

Implemento possui alguma avaria  
2 Sim

Descreva a avaria caso tenha  
3

voltar próximo

- 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



The screenshot shows a five-step progress bar at the top, with step 5, 'Pesquisa NPS', highlighted. The form contains the following elements:

- Step 1: Dados Cliente
- Step 2: Dados Revenda
- Step 3: Dados Produto
- Step 4: Entrega técnica
- Step 5: Pesquisa NPS

Form fields and options:

- Question: Satisfeito com o implemento?  
Dropdown menu: Sim
- Question: Satisfeito com a entrega técnica?  
Radio buttons: Não, Regular, Bom, Ótimo
- Text input: Não estou satisfeito por: [Empty text box]
- Question: Satisfeito com o prazo da entrega?  
Radio buttons: Não, Regular, Bom, Ótimo
- Question: O implemento atende todas suas demandas?  
Radio buttons: Sim, Não
- Buttons: Voltar, Enviar



• 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.





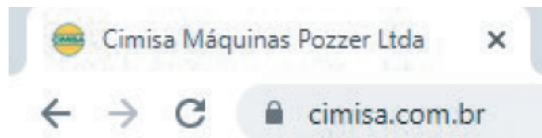
# Warranty request

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](http://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 NF-e 3 Serie NF-e

Escolher arquivo Nenhum arquivo selecionado 4 Modelo 5 Data 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.



1 Dados Proprietário

2 Dados Revenda

3 Dados do Equipamento

4 Reclamação

Reclamação

Até 4 fotos.

Escolher arquivos Nenhum arquivo selecionado

Voltar

Enviar



### **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](http://www.cimisa.com.br)