



METALÚRGICA SIEMSEN LTDA.  
CNPJ: 82.983.032/0001-19  
Rodovia Ivo Silveira - km 12, nº 9525, Galpão 1 - Bairro: Bateas - CEP: 88355-202  
Brusque - Santa Catarina - Brasil  
Fone: +55 47 3211 6000 - Fax: +55 47 3211 6020  
[www.siemsen.com.br](http://www.siemsen.com.br) - [comercial@siemsen.com.br](mailto:comercial@siemsen.com.br)

55457.0 - INGLÊS

Data de Correção: 16/09/2015

- ALÉM DESTAS MÁQUINAS, FABRICAMOS UMA LINHA COMPLETA DE EQUIPAMENTOS. CONSULTE SEU REVENDEDOR.  
- ESTE PRODUTO CONTA COM ASSISTÊNCIA TÉCNICA, REPRESENTANTES E REVENDEDORES EM TODO TERRITÓRIO NACIONAL.  
- DEVIDO À CONSTATANTE EVOLUÇÃO DOS NOSSOS PRODUTOS, AS INFORMAÇÕES AQUI CONTIDAS PODEM SER MODIFICADAS SEM AVISO PRÉVIO.

WWW.SIEMSEN.COM.BR

INSTRUCTIONS MANUAL



JUICE EXTRACTOR – STAINLESS STEEL

MODEL  
**ESL**

## SUMMARY

<b>1. Introduction .....</b>	<b>3</b>
<b>1.1 Safety .....</b>	<b>3</b>
<b>1.2. Main components.....</b>	<b>5</b>
<b>1.3 Technical Specifications.....</b>	<b>6</b>
<b>2. Instalation and Pre-Operation.....</b>	<b>6</b>
<b>2.1 Instalation .....</b>	<b>6</b>
<b>2.2 Pre-operation .....</b>	<b>6</b>
<b>3. Operation .....</b>	<b>7</b>
<b>3.1 Starting.....</b>	<b>7</b>
<b>3.2 Operating procedure.....</b>	<b>7</b>
<b>3.3 Cleaning and hygiene.....</b>	<b>7</b>
<b>4. Analysis and troubleshooting.....</b>	<b>8</b>
<b>4.1 Problems, causes and solutions. ....</b>	<b>8</b>
<b>5. Electric Diagram.....</b>	<b>9</b>

[illegible]

[illegible]

## 1. Introduction

## 1.1 Safety

This equipment is potentially dangerous when used improperly. It is necessary to perform maintenance, cleaning and / or any service by a qualified and with the machine disconnected from the current person.

To prevent any incident follow some instructions:

1.1.1 read all instructions.

1.1.2. to avoid electric shock and damage to the equipment, do not use the same with: clothes or wet feet and / or on wet or damp surface, do not immerse in water or any other liquid and do not use water jet directly on the device.

1.1.3 should always be the supervision of the team when it is used, especially when close to the children.

1.1.4 disconnect the appliance from the mains when: is not in use, before cleaning it, remove accessories, accessories, maintenance and any other type of service introduction.

1.1.5. do not use the equipment if it is with a cable or plug damaged. Make sure that the power cord is on the edge of the table / counter or touch hot surfaces.

1.1.6. when the machine has been dropped, it is damaged in some way or it doesn't work is necessary to take it to a local dealer for inspection, repair.

1.1.7. the use of not recommended by the manufacturer may cause injuries.

1.1.8 keep away any object or the hands of all the moving parts of the equipment while it is in operation, to avoid injury and / or damage to the equipment.

1.1.9 ensuring that the equipment voltage and the mains are the same, and that the computer is connected to Earth.

1.1.10 Before starting the machine, make sure that the Large Crown No. 09 or no. 10 Small Crown and Juice Chamber N ° 02 01 figure are firm in their positions.

1.1.11. This unit is intended to be used for commercial and similar applications, such as:

- areas of kitchen staff in shops, offices and other working environments;
- Farm houses;
- For guests of hotels, motels and other residential environments;
- Bed and breakfast type environments.

**IMPORTANT**

Make sure that the power cord is in perfect conditions of use. If it doesn't, replace damaged cable with one that complies with the technical specifications and safety. This substitution should be performed by a qualified professional and must comply with the local safety regulations.

**IMPORTANT**

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental abilities, or persons lacking experience and knowledge, unless they have been given instructions on the use of equipment or under the supervision of a person responsible for their safety.

**IMPORTANT**

It is recommended that children be supervised to ensure that they do not play with the appliance.

**IMPORTANT**

Emergency disconnect the plug from the electrical outlet.

**IMPORTANT**

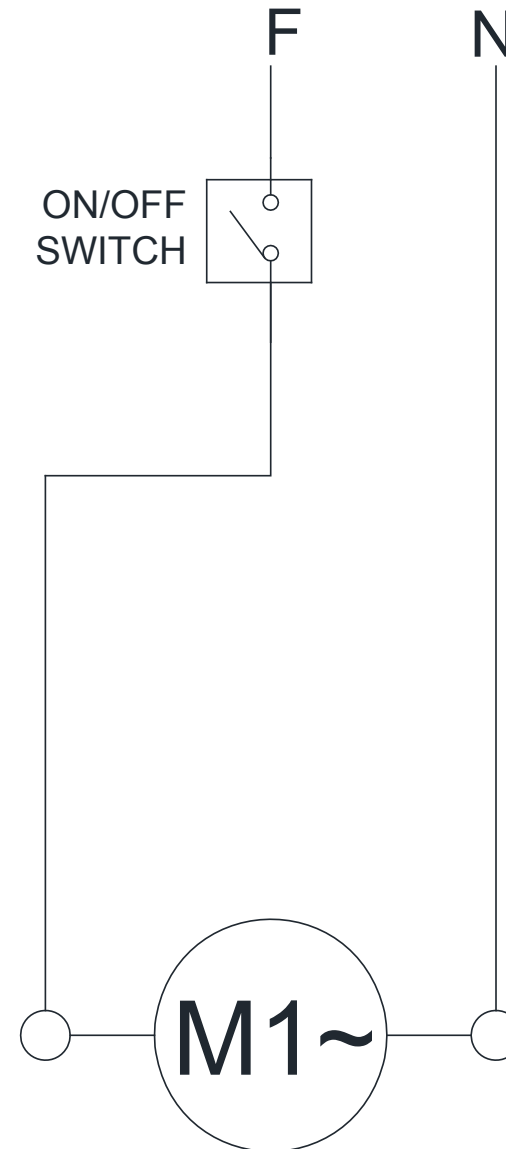
Never throw water directly on the computer.

**IMPORTANT**

This machine has a security system to ensure the integrity of the operator. The operation of the equipment must be in accordance with the theme "Functioning" of this manual. Other procedures to operate the teams are not warranted, in this condition, the equipment must not be used.

## 5. Electric Diagram

# ELETRIC NETWORK 110V / 60Hz



4. Analysis and troubleshooting

4.1 Problems, causes and solutions.

This equipment is designed to require minimum maintenance. However, there may be some irregularities in its operation due to wear and tear caused by their use. If there is a problem on your computer, check the table below, which are described in the recommended solutions.

In addition, Metalúrgica Ltda. Siemsen It facilitates available throughout its network of assistants authorised technicians, who will be happy to assist you. The list of authorised technicians assistants can be found on the website [www.siemsen.com.br](http://www.siemsen.com.br).

TABLE 02

PROBLEMS	CAUSES	SOLUTIONS
-The machine does not start.	-The lack of electricity. -Problem in the internal or external electric circuit of the machine.	-Check if there is electricity. -Call the authorized service.
-odor and/or smoke.	-Problem in the internal or external electric circuit of the machine.	-Call the authorized service.
-The machine becomes bad when the product is loaded on the machine, the same or turning at low speed.	-Problems with electric motor. -Fit the worn or broken chestnut.	-Call the authorized service. -Call the authorized service.
-Damaged AC power cable.	-Do not transport the product.	-Call the authorized service.
-Strange noises.	-faulty bearings.	-Call the authorized service.

1.2. Main components

All components that incorporate teams are made with carefully selected materials for each function within the standards of evidence and experience of Siemsen.

PICTURE 01



- 01 Cover
- 02 Juice chamber
- 03 – Motor flange
- 04 Cabinet
- 05 On / Off

- 06 Base
- 07 Sieve
- 08 Cup
- 09. Large Crown
- 10. Small Crown

## 1.3 Technical Specifications

TABLE 01

CHARACTERISTICS	UNIT	ESL
Average production	oranges/min	15
Voltage	V	110
Frequency	Hz	60
Energy	CV	1/4
Height	mm	300
Width	mm	180
Depth	mm	290
Net Weight	kg	3,2
Gross Weight	kg	4

## 2. Instalation and Pre-Operation

### 2.1 Instalation

#### 2.1.1 Positioning

The equipment must be positioned on a dry, firm and level surface with preferential 850mm height.

#### 2.1.2 Electric Instalation

The equipment was developed for 110V. Upon receiving the equipment check the voltage recorded on the label on the power cord.

The power cord has 2 round pines.

#### IMPORTANT

**Make sure that the voltage of the network where the equipment is to be installed is compatible with the voltage on the label of the cable.**

### 2.2 Pre-operation

Before using your equipment, all parts that come into contact with the product being processed should be washed with mild soap and water (read article 3.3 cleaning). Make sure that the computer is firm in his place of work.

## 3. Operation

### 3.1 Starting

#### IMPORTANT

**Expect full engine stop whenever you want to change the chestnuts.**

Make sure nuts are properly installed before turning on the equipment.

To connect the Unit proceed as described:

Connect the unit to the mains.

-The unit is through the switch on / off no. 05 (Fig 01.) which lies in front of the Base number 06 (fig. 01).

### 3.2 Operating procedure

Juice extractors are machines that work at high speed.

First, cut the orange or lemon in half.

With the power on, it has one of the halves and press the same of the Large Crown No. 09 or no. 10 Small Crown (figure 01), which is attached to the motor shaft. Automatically contained in the fruit juice pass through sieve No. 07 (figure 01) and the number 08 Cup.

### 3.3 Cleaning and hygiene

Some parts of the equipment can be removed for cleaning, which are:

- \* Cover
- \* Juice Chamber
- \* Crowns

Remove the cover No. 01 (figure 01), the Large Crown N° 09 Small Crown (figure 01) and then Juice Chamber No. 02 (figure 01).

Wash all parts with mild soap and water.

To assemble the parts previously disassembled, proceed in reverse order of the above mentioned articles.

#### IMPORTANT

**Disconnect the plug before starting the cleaning process.**

The equipment must be cleaned and disinfected thoroughly:

- Before of being used for the first time;
- After of the every day operation;
- When not used for an extended period;
- Before of start-up after a long time of inactivity.

#### IMPORTANT

**Do not use water jet directly on the computer.**