



Instruction Manual



Juice Extractor

Model: **ESI**

SUMMARY

5. PROBLEMS ANALYSIS and SOLUTIONS

5.1 Problems , Causes and Solutions

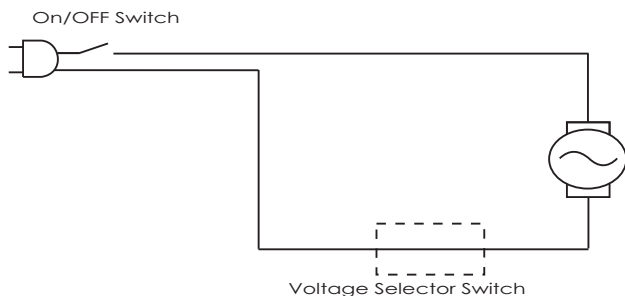
The Juice Extractor Mod. ESI were designed to operate with the need of minimum maintenance but the natural wearing caused by long use of the equipment may occasionally cause some malfunctions.

If such problem occurs with your mixer refer to Table 02 in which the most common situations are listed with recommended solutions.

TABLE - 02

Problem	Causes	Solutions
* The machine does not switch on.	<ul style="list-style-type: none"> * Lack of power, or the plug is off its socket. * The cup is not fixed in the cup holder. * Problem with the internal or external electrical circuits of the 	<ul style="list-style-type: none"> * Check if the plug is on its socket., and if there is electric power. * Fix the cup in the cup holder. * Call technical assistance.
* Product overflow the cup.	* The product volume is above the allowed maximum level.	* Fill the cup with liquid, up to the volume of 450ml.
* The processed product content inside the cup does not mix.	* The product volume is under the allowed maximum level.	* The minimum liquid level processed by the equipment is 100ml volume.

5.2 Electric Diagram Mod. ESI



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1. Introduction

1.1 Safety

The Juice Extractor ESI, is a machine simple to operate and to clean, however for your own safety, read the following instructions to avoid accidents:

1.1.1 - Unplug the machine when you need to remove any removable part during cleaning, servicing or any other operation.

1.1.2 - Never make use of any tool or instrument that is not originally part of the machine during any operation.

1.1.3 – Before to switch ON the machine, check if crown No, 05 or No, 06 (Pic. 01) and the juice chamber are duly fitted.

1.1.4 – Do not throw water directly to the machine

1.1.5 – Never use loose clothes mainly large sleeves during operation

1.1.6 - Never switch ON the machine with wet clothes or shoes

IMPORTANT

This equipment is not to be used by persons (including children) with any physical or mental disabilities, or without operation experience and knowledge, only acquired by means of instruction and supervision of a security staff.

IMPORTANT

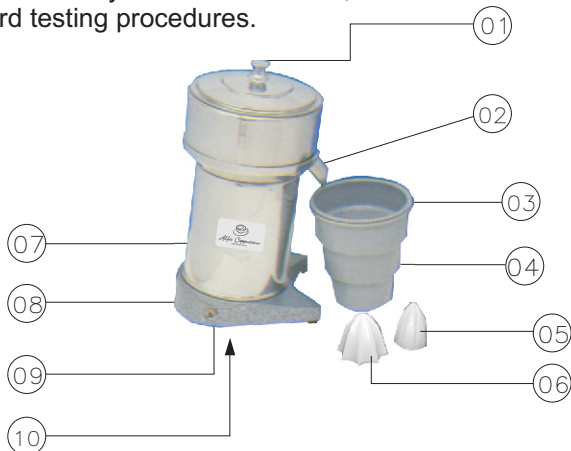
If the Power Cable is not in good conditions of use, to avoid accidents it must be replaced by the supplier, an authorized technician or someone qualified for the service.

1.2 Main Components

All components are made with carefully selected materials, in accordance with Siemens experience and standard testing procedures.

Picture 1

- 01- Lid
- 02- Liquid Chamber
- 03- Sieve
- 04- Cup
- 05- Small Crown
- 06- Large Crown
- 07- Motor Housing
- 08- Base
- 09- ON/OFF Switch
- 10- Voltage Selector Switch 110/220 V



4.4 Operation

4.4.1 Advice

Be sure your hair is not loose in order to avoid getting caught by turning parts which could lead to a serious accident. Tie your hair well up and/or cover your head with a scarf.

The operation performed by not trained or skilled personnel shall be forbidden.

Never touch turning parts with your hands or in any other way.

4. 5 AFTER THE WORK ENDS

4. 5. 1 Cares

Always clean the machine, to do the cleaning SWITCH IT OFF, AND TAKE OUT THE PLUG FROM THE ELECTRICITY SUPPLY SOCKET.

Never clean the machine BEFORE IT IS COMPLETELY STOPED.

Fit all the machine components in their due places, before switching it on again.

When checking the Belt tightness/current, do be careful to not have a finger caught between the belt and pulley, not between the chain and the gears.

4. 6 MAINTENANCE

4. 6. 1 Dangers

Any maintenance is dangerous if made with the machine in movement.

SWITCH IT OFF AND TAKE OUT THE PLUG FROM THE SOCKET, DURING ALL THE MAINTENANCE OPERATION.

IMPORTANT

In any emergency situation, always take the plug out of its socket.

4. 7 ADVICES

Electrical or mechanical maintenance shall be made by qualified persons. The person in charge of the maintenance performances shall check the machine works under TOTAL SAFETY CONDITIONS.

4.2 Safety Procedures and Notes Before Turning Machine ON

IMPORTANT

Carefully read ALL INSTRUCTIONS of this manual before turning the machine ON. Be sure to be familiar with the set and that you have well understood all information contained in this manual. If you have any question contact your supervisor or your nearest Dealer.

4.2.1 Danger

An electric cable or electric wire with damaged jacket or bad insulation could cause electrical shocks as well as electrical leak. Before use, check conditions of all wires and cables.

4.2.2 Advices

Be sure ALL INSTRUCTIONS in this manual have been thoroughly understood. Every function and operational procedure have to be very clear to the operator. Contact your nearest Dealer for further questions.

Any manual command (switch, button or lever) shall be given only after being sure it is the correct one.

4.2.3 Precautions

The electric cable has to be compatible with the power required by the machine. Cables touching the floor or close to the machine need to be protected against short circuits.

4.3 Routine Inspection

4.3.1 Advice

When checking the tension of the belts or chains, DO NOT introduce your fingers between the belts and the pulleys and nor between the chain and the gear.

4.3.2 Precautions

Check if motors and sliding or turning parts of the machine produce abnormal noises.

Check the tension of the belts and chains and replace the set when belt or chain show signs of being worn out.

When checking tensions of belts or chain DO NOT introduce your fingers

1.3 Technical Characteristics

Table - 01

Technical Data	Units	ESI
Voltage	[V]	110 / 220 (*)
Frequency	[Hz]	50 or 60
Power Rating	[Hp]	0,25
Consumption	[Kw/h]	0,20
Height	[mm]	370
Width	[mm]	190
Depth	[mm]	210
Net Weigth	[kg]	6
Gross Weigth	[kg]	8
Average Production	Orange/min.	15
Rotation	[rpm]	1750

*Frequency will be only the one indicated on motor characteristics label.

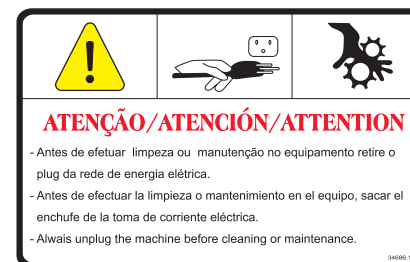
2. Installation and Pre-Operation

2.1 Installation

To obtain a good performance of the Juice Extractor Model ESI shall preferably be installed on a stable surface about 850 mm above floor .

Check electric source voltage , voltage shall be the same as indicated on the label attached to the machine, 110 V or 220 V To adjust the voltage use the Voltage Selector Switch , No. 10 (Pic. 01) placed at the bottom of the extractor ...

The cord has two round pins and a grounding pin (earth wire) . It is mandatory the three pins to be duly connected before to start the machine .



2.2 Pre- Operation

IMPORTANT

When placing the Crown, No. 05 or No. 06 , check if it is well fitted

Be sure the Juice Extractor is stable . Before to use all the parts that will be in contact with the food to be processed shall be washed with water and soap .

3. Operation

3.1 Starting

IMPORTANT

Wait the motor to be completely still when it is desired to change the Crowns .

Be assured the Crown is well fitted .

To start the machine place the ON/OFF Switch No 09 (Pict 01) on position

ON .

The switch is fitted on the machine Base No. 08 (Pict .01)

3.2 Operating Procedures

The Juice Extractors are high speed machines .

First cut the orange or the lemon in two halves .

Start the machine and grab firmly on half of the fruit , then press it on the crown No. 05 or No. 06 (Pict 01) , automatically the fruit juice will flow through the sieve No.03 (Pic.01) into the cup No.04 (Pict.01) .

3.3 Cleaning

IMPORTANT

Never clean with the machine connected to the electric network . To clean unplug the machine . Before to lift the Crown , be sure the motor is completely still .

All the moving parts must be retired and cleaned .

Below find the procedure to remove the moving parts :

- 3.3.1 Switch OFF the machine and unplug it .
- 3.3.2 Remove the Lid No.01 (pict 01) , the Crown No.05 or No. 06 (Pict.01) , and after remove the Liquid Chamber No. 02 (Pict 01) .
- 3.3.3 Wash all the parts with water and soap , then dry them .
- 3.3.4 To assemble the parts proceed following the inverse procedure .

4. General Safety Practices

The following safety instructions are addressed to both the operator of the machine as well as the person in charge of maintenance.

The machine has to be delivered to the operator in perfect conditions of use by the Distributor to the user. The user shall operate the machine only after being well acquainted with the safety procedures described in the present manual. **READ THIS MANUAL WITH ATTENTION.**

4.1 Basic Operation Practices

4.1.1 Dangerous parts

Some parts of the electric devices are connected to high voltage points.

These parts when touched may cause severe electrical shocks or even be fatal.

Never touch commands such as buttons, switches and knobs with wet hands, wet clothes and/or shoes. By not following these instructions operator could be exposed to severe electrical shocks or even to a fatal situation.

4.1.2 Warnings

The operator has to be well familiar with the position of ON/OFF Switch to make sure the Switch is easy to be reached when necessary. Before any kind of maintenance, physically remove plug from the socket.

Provide space for a comfortable operation thus avoiding accidents. Water or oil spilled on the floor will turn it slippery and dangerous. Make sure the floor is clean and dry.

Before giving any manual command (switch, buttons, turn keys or lever) be sure the command is the correct one. Check this manual for further details if necessary.

Never use a manual command (switch, buttons, lever) unadvisedly. If any work is to be made by two or more persons, coordination signs will have to be given for each operation step. Every step of the operation shall be taken only if the sign has been made and responded.

4.1.3 Advices

In case of power shortage, immediately turn the machine OFF.

Use recommended or equivalent lubricants, oils or greases.

Avoid mechanical shocks as they may cause failures or malfunction.

Avoid penetration of water, dirt or dust into mechanical or electrical components of the machine.

DO NOT modify original characteristics of the machine.

DO NOT remove, tear off or maculate any labels stuck on the machine. If any label has been removed or is no longer legible, contact your nearest dealer for replacement.