



INSTRUCTION MANUAL

Juicer Extractor Model

ESB

PRODUTOS

SKYMSSEN

METALÚRGICA SIEMSEN LTDA.

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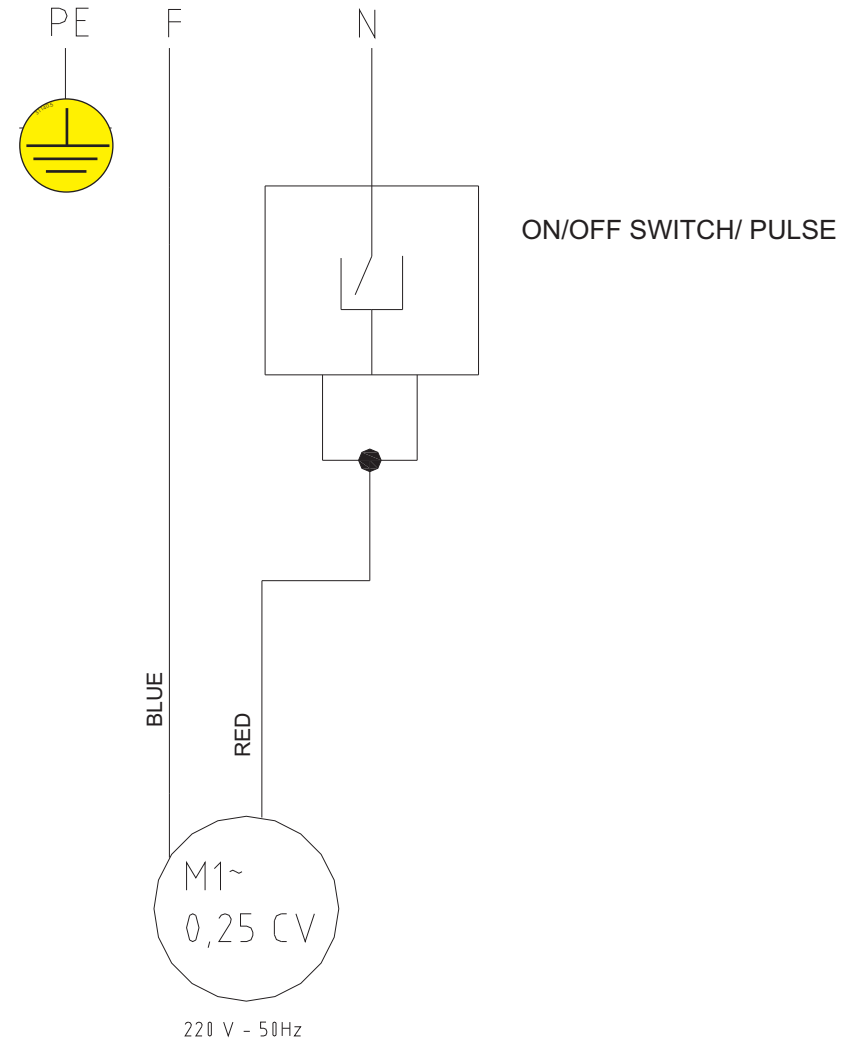
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- ALÉM DESTAS MÁQUINAS, FABRICAMOS UMA LINHA COMPLETA DE EQUIPAMENTOS. CONSULTE SEU REVENDEDOR.
 - ESTE PRODUTO CONTA COM ASSISTÊNCIA TÉCNICA, REPRESENTANTES E REVENDEDORES EM TODO TERRITÓRIO NACIONAL.
 DEVIDO À CONSTANTE EVOLUÇÃO DOS NOSSOS PRODUTOS,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

SUMMARY

1. Introduction	2
1.1 Safety	2
1.2 Main Components	2
1.3 Technical Characteristics	3
1.4 Labels	3
2. Installation and Pre Operation	4
2.1 Installation	4
2.2 Pre Operation	5
3. Operation	5
3.1 Starting	5
3.2 Operating Procedures	5
3.3 Cleaning	6
4. General Safety Practices	6
4.1 Basic Operation Procedures	6
4.2 Safety Procedures and Notes Before Switching the Machine On	7
4.3 Routine Inspection	8
4.4 Operation	8
4.5 After Finishing the Work	8
4.6 Maintenance	8
4.7 Advices	9
5. Analysis and Problem Solving	9
5.1 Problems, Cause and Solutions	9
5.2 Electric Diagram Mod. ESB	10

5.2 Electric Diagram Mod. ESB



IMPORTANT

Pull the plug off its socket when any emergency arises .

4.7 Advice

Electrical or mechanical maintenance has to be undertaken by qualified personal. Person in charge has to be sure that the machine is under TOTAL SAFETY conditions when working .

5 Analysis and Problems Solving

5.1 Problem, causes and solutions

The Juice Extractor Mod. ESB 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

Problems	Causes	Solutions
* the machine does not start.	* Electricity does not reach the machine motor. * Problem on internal or external wiring.	* Check if the machine is duly plugged on its socket. * Check electricity shortage.
* The crown turns,however when the product is pressed is stops.	* The crown link is worn or broke.	* change the crown.
* Damaged cord.	*Transportation accident.	*Call technical assistance.

1. Introduction

1.1 Safety

The Juice Extractor Model ESB are machines simple to use and to clean. However for your safety read the following instructions in order to avoid accidents:

1.1.1 Always unplug the machine when cleaning, servicing or when any other operation is needed.

1.1.2 Never use tools that do not belong to the machine during operation.

1.1.3 Before to switch ON the machine check if the Crowns No. 05 or No. 06 (Pict. 01) and the juice chamber No 02 (Pict 01) are suitably fitted on their places...

1.1.4 Never throw water directly to the machine.

1.1.5 Do not use clothes having loose sleeves during operation

1.1.6 Do not operate the machine wearing wet clothes or wet shoes.

1.1.7 Before operating the machine be sure it is grounded properly.

1.1.8 Take good care of this manual and have it handy for use at

IMPORTANT

This equipment shall not be used by persons (including children) having reduced mental or physical capabilities , or having faulty experience or knowledge , unless they have been previously supervised or instructed by a person responsible for the equipment safety , about how to use it .

IMPORTANT

If the cord is not in good conditions to be used, it has to be changed by the manufacturer or by an Authorized Technical Assistant

The equipment has additional protection against failure . The motor and the operator are protected against any adverse situation .

The protection is a thermal protector . If the equipment stops all of a sudden wait some minutes and press the thermal protection button .

1.2 Main Components

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

Picture - 01

- 01- Lid
- 02- Liquid Chamber
- 03- Sieve
- 04- Cup
- 05- Small Crown
- 06- Large Crown.
- 07- Motor Housing
- 08- Base
- 09- ON/OFF Switch



1.3 Technical Characteristics

Table - 01

Characteristics	Unit	ESB
<i>Average Production</i>	Orange/min.	15
<i>Voltage</i>	[V]	220
<i>Frequency</i>	[Hz]	50
<i>Pawer Rating</i>	[CV]	0,25
<i>Consumption</i>	[kW/h]	0,20
<i>Height</i>	[mm]	390
<i>Width</i>	[mm]	210
<i>Derth</i>	[mm]	210
<i>Net Weight</i>	[kg]	9
<i>Shipping Weight</i>	[kg]	11
<i>Rotation</i>	[rpm]	1750

1.4 Labels

00047.7 SKYMSSEN LOGO



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 , the chains, nor the gears.

4.3.2 Precautions

Check if motors, belts, chains or gears and the turning or sliding parts of the machine produce abnormal noises .

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

When checking tensions of belts or chain DO NOT introduce your fingers between belts and pulleys , nor between the chains and gears. Check protections and safety devices to make sure they are working properly.

4.4 Operation

4.4.1 Advices

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 up well 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.

NEVER operate machine without all original safety devices under perfect conditions.

4.5 After Finishing The Work

4.5.1 Precautions

Always TURN THE MACHINE OFF by removing the plug from the socket before cleaning the machine. Never clean the machine unless it has come to a complete stop. Put all components back to their functional positions before turning it ON again. Check level of oil, if any . DO NOT place your fingers in between belts and pulleys nor chains and gears.

4.6 Maintenance

4.6.1 Danger

Any maintenance with the machine in working situation is dangerous. TURN IT OFF BY PULLING THE PLUG OFF THE SOCKET DURING MAINTENANCE.

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 a 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 safety or identification labels . If any labels has been removed or is no longer legible contact your nearest dealer for replacement.

4.2 Safety Procedures and Notes Before Turning Machine

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 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.

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

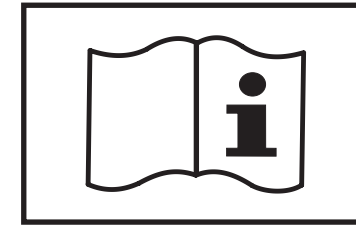
4.2.3 Precautions

The electric cable has to be compatible with the power required by the machine,

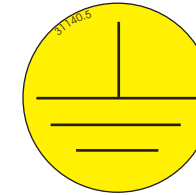
Cables touching the floor or close to the machine need to be protected against short circuits.

Oil reservoirs if any have to be full up to the required level as indicated. Check level and add oil if necessary.

32832.4 INSTRUCTION MANUAL LABEL



31140.5 LAND SYMBOL LABEL



2. Installation and Pre-Operation

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

Check electric source voltage ,where weest be conected the juicer extractor plug, voltage shall be of 220 volts.

The cord has three round pins being one of them the land pin. It is mandatory the three pins to be duly connected before to start the machine .

Picture - 02



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

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

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

IMPORTANT

If any item from the GENERAL SAFETY NOTIONS section is not applicable to your product, please disregard it.

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 only 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 areas of the electric device have parts that are connected or have parts connected to high voltage. These parts when touched may cause severe electrical shocks or even be fatal.

Never touch manual commands such as switches, buttons, keys and knobs with your hands wearing wet clothes and/or wet 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 used when necessary. Before any kind of maintenance, physically remove the plug from its 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 to give 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.