

TAVOLA VIBRANTE

OWNER'S MANUAL



Machine:

VIBRATING TABLE

**Official language of the
manufacturer:**

ITALIAN

Language of the manual:

ENGLISH



INDEX

1 - INTRODUCTION	3
1.1 GENERAL INFORMATION	3
1.2 GENERAL INFORMATION ABOUT THE USE OF THE MACHINE	4
1.3 GENERAL PREVENTIVE MEASURES	4
2 - DESCRIPTION AND FEATURES OF THE EQUIPMENT	5
2.1 DESCRIPRION AND USE	5
2.2 NOW ALLOWDED USES	6
2.3 SPECIFICATIONS	6
3 - SAFETY AND ACCIDENT PREVENTION	7
3.1 GENERAL WARNINGS	7
3.2 INSTALLED SAFETY EQUIPMENTS	7
3.3 RESIDUAL RISKS	8
3.4 PITTOGRAMS	8
3.5 PERSONAL PROTECTIVE EQUIPMENTS (PPE).....	9
4 - LIFTING, TRANSPORT AND INSTALLATION	10
4.1 LIFTING AND TRANSPORT	10
4.2 INSTALLATION.....	10
4.3 POWER SUPPLY	11
4.3.1 ELECTRICAL CONNECTION.....	11
5 - START AND USE OF THE MACHINE	12
6 - CLEANING AND MAINTENANCE	12
6.1 PERIODICAL CHECKS OF THE SAFETY EQUIPMENTS.	13
6.2 ORDINARY MAINTENANCE NAD CLEANING.....	14
7 - DISPOSAL.....	15

1 - INTRODUCTION

IMPORTANT



READ CAREFULLY THIS MANUAL AND FOLLOW IT, BEFORE AND DURING THE USE OF THE MACHINERY. IN CASE OF DOUBTS, CONTACT OUR ASSISTANCE SERVICE IN ORDER TO BE CLARIFIED.

1.1 General information

This manual refers to the use of VIBRATING TABLE.

This manual is available to the operators in charge of the maintenance and the use of the machine. It must be updated if the machine will have changed.

In case the equipment will be sold, it is necessary to provide to the buyer the instruction manual

For this reason it is mandatory to do the ordinary and periodic maintenances indicated in chapter "PERIODICAL MAINTENANCE AND CLEANING" in order to contain the risks for the workers

If you lose this manual or it becomes useless, you can get another one, asking to:

ICB TECNOLOGIE S.r.l.

Via Cavicchione Sopra, 102- 25011

Calcinato (BS)

tel. +39 030 9636002

fax +39 030 9969796

e-mail: info@icbtecnologie.com

specifying the product and the serial number.



ATTENZIONE

WARNING:

this manual must be preserved for all the duration of the hold of the machinery.

1.2 General information about the use of the machine

This manual is made in order to give a general knowledge about the machinery.



WARNING:
read the manual before using the equipment



WARNING:
the manufacturer is not responsible for any modify and tampering of this equipment

1.3 General preventive measures

- The use of this machine is forbidden to unauthorized staff;
- Do not start the machine if it is out of action;
- Before using the machine, control that any dangerous condition has been deleted;
- Check if the safety equipments are right;
- Use the personal protective equipments;

2 – DESCRIPTION AND FEATURES OF THE EQUIPMENT

2.1 Description and use

This manual refers to VIBRATING TABLE that allows to make chocolates thanks to its vibration that avoid air bubbles in the chocolate.



2.2 Not allowed uses

Every different use of the machine is considered as improper, not provided for, because the deriving risks cannot be estimated. The manufacturer is exempt from the responsibility deriving from the in-observance of these instructions.

In particular it is forbidden to use it in these ways:

- With different Energy values;
- If the safety equipment are not functioning and intact;
- If it isn't correctly installed;
- Rest things on machine's surfaces;
- Insert solid thins into the tank;
- Make by-pass for the safety equipments;
- Use the machine after long time without maintenance;
- In case of problems with the power supply;
- Use the machine outdoor;
- It is forbidden use flammable, corrosive ore dangerous substances for the cleaning;
- It is forbidden immerse the machine into water or other liquids;
- It is forbidden insert things different from the ones indicated for the use;
- It is forbidden use ingredients dangerous for the health;
- In case of lacks of maintenance;
- In case of unauthorized modifies;
- Use of materials and tools different from the ones suggested by the manufacturer;
- Sit or rest oneself on the machine;
- Do maintenance when the machine is on;
- Safety tags tampering;
- Use the machine if it is broke down.

2.3 Specifications

Power supply	V	220
Power	kW	0,02
Dimensions	mm	L 540 x P 320 Or L 600 x P 400
Acoustic pressure	dB(A)	61,7

3 – SAFETY AND ACCIDENT PREVENTION

3.1 General warnings

Before using the machine, the user must read:

- This chapter because it contains important information about the risks in the use of this equipment;
- The specific descriptions about the safety, at the beginning of each chapter.

IT IS MANDATORY:

- Read the manual before using the machine.
- Start the "maintenance mode" before setting or fixing up the machine.
- The operations must be done by authorized personnel .
- The users must know the warnings and the signs on the machine.
- Prepare the location where the machine is placed, that must be without obstacles , clean and well-lighted.
- Do maintenance of the safety systems.
- Use only approved parts for the maintenance and the fixing up.
- Do not use damage tools.
- Keep out from the mobile parts.
- Do not wear jewels, large cloche because they can hitch on the mobile parts.
- If this machine is used by a new user, provide him these instructions.

3.2 Installed safety equipments

The machine is provided with these safety equipments:

- A. **Fixed shelters** in order to protect the mechanical components and the parts with electricity;



ATTENZIONE

Tampering with safety devices causes risks to equipment users and other exposed persons.



3.3 Residual risks

During the planning of this equipment we considered all the lee shores and we took all the necessary cautions in order to avoid risks to the person and damages to the component sof the machine.

Anywy there are undeletable risks due to the behavior of the user.

Operations and position of the user	Dangers and possible risks	Possible damages	Preventative measures
User			
Passing through the operative area	Power cable; tripping	Trauma due to tripping	Do not leave the power cable on the floor. Eventually cover it with a canaline
Maintenancer			
Fixing up the electric equipments	Risks due to electrical power; risk of contact with parts in tension inside the machine	Electrical shock	Disconnect the power supply before the operations for fixing up and for the maintenance

3.4 Pittograms

Pittograms	Meaning	Location
	Do not remove the protections	On the machine
	Electric danger	On the machine



The warning tags and pittograms must not be removed, covered or damaged.

3.5 Personal protective equipments (PPE)

The use of the personal protective equipments protects a specific part of the body from a risk due to the operative activity with the machine.

They must be used when the operations to avoid the risk are not sufficient to vouch the elimination of the dangerous agents.

The normal use of the equipment does not consider the use of personal protective equipments; Instead during the maintenance the user must use:

- hands protections Protective gloves during the removing or the substitution of some mechanical parts.

4 – LIFTING TRANSPORT AND INSTALLATION

This machine has been assembled and packed in our factory. When it arrives to the customer, it's ready for the installation.

4.1 Lifting and transport

The lifting and the transport of the machine should be prudent in order to avoid falls and capsizing. We suggest to move the machine using a mechanical lifter.

4.2 Installation

This machine does not require particular operations for the installation.

The place should have these features:

- Horizontal surface, not slippery;
- Appropriate enlightenment (at least 500 lux);
- Enough space around the machine for a safety use and maintenance.



The surface must be able to support the weight and the dynamic stresses.



Select a clean and well-lighted location



Place the machine in order to permit the access without not ergonomic position for the user.

4.3 Power supply

4.3.1 Electrical connection

The electric wiring must respect the safety rules. The system and the power cable must be appropriate to support the installed power.

- 220 V - 50 Hz

All the datas are in the attached electric diagram.

It would be better to have the exact power that you can read on the tag (220 V); anyway it is possible a tolerance of $\pm 5\%$

The electric system respects EN 60204-1.

The manufacturer guarantees the possibility of selecting the active conductors of the electric circuit.

Protections against overcurrent

The equipment has a protective automatic switch. This equipment has also circuit breakers.

Protection against broken of the insulation

We suggest to use an equipment that is sensible to the broken of the insulation.

Protective circuit

The equipment must be disconnected from the ground.



The connection of the external equipotential protective conductor is essential for the correct operation of the equipment and for the safety of the operators (protection against electric shock)



THE ELECTRIC CONDUCTOR MUST BE SECTIONED DURING THE MAINTENANCE OR THE FIXING UP OF THE EQUIPMENT



PLACE "WORK IN PROGRESS" SIGN ON THE DISCONNECTOR

LAVORI IN CORSO
NON EFFETTUARE
MANOVRE

5 – START AND USE OF THE MACHINE



DO NOT MODIFY THE MACHINE WITHOUT THE AUTHORIZATION BY ICB Technologie S.r.l.

To switch on the machine, the user has to:

- ✓ Place the table in correspondance with the four stands;
- ✓ Connect the power cable;
- ✓ Press the main switch.

Press again the main switch in order to turn it off.

6 – CLEANING AND MAINTENANCE

WARNINGS



ALL MAINTENANCE, REPAIR AND CLEANING WORK MUST BE CARRIED OUT WITH THE EQUIPMENT STATIONARY AND DISCONNECTED FROM THE POWER SUPPLY

Before undertaking any action of maintenance, we advise to read carefully the manual.
In particular:

1. The use and the maintenance controls of the machine must be entrusted to qualified people who know how to work on it
2. If necessary, change of damaged parts or out of order with units that have the same characteristics.
3. To respect the accident-prevention norms and the precautions for the emergency of the users, brought back to chapters 4 and 6.
4. Maintain the zones of transit and of work of the machine clean: for instance the areas of access to the switchboards.
5. Signal immediately eventual anomalies found to the staff able to do maintenance.
6. Verify the effectiveness and functioning of the accident-prevention system.
7. It is forbidden to compromise the safety guards.
8. It is forbidden to use lighters, matchsticks, etc as lighting system.
9. Lacks of controls and maintenance can cause damages to the equipment.
10. Nobody can use or stay close to the machine when it is on, without training.

6.1 Periodical checks of the safety equipments

The safety equipments are all the things that work as safety barrier between the person and the danger.

As every electronic equipment, this machine is subject to usury, anomalies and malfunctions. So the safety equipment can decrease their performances. In order to avoid it, the user must do regularly maintenance.

INTERVENTION'S REGISTRATION

Intervention's registration become official document for the correct use of the machine and it includes:

- the checked product;
- the date;
- the name of the maintenance operator
- the outcome of the intervention;
- contingent remarks.

Micro switch

The machine has a mobile plate with micro switch. The removal of the plate stops immediately the machine. During the periodical controls, this feature must be checked.



Check periodically the operation of the micro switch; in case there are some anomalies in the safety systems, contact immediately the manufacturer.

6.2 Ordinary maintenance and cleaning

All the surfaces and the parts of the machine in contact with foodstuffs must be cleaned and disinfected.

In the end of each shift, the user has to:

- Turn off the machine through the main switch
- Disconnect the power cable
- Use specific product for stainless steel which must be liquid and must not contain chlorine

PRODUCTS THAT MUST NOT BE USED:

- Compressed air;
- Steam equipments;
- Detergents containing chlorine or similar agents, as bleach, muriatic acid, decalcifying cleansers, etc ;
- Brushes and abrasive disks;
- Detergents with abrasive powder;
- Gasoline, solvents or flammable and/or corrosive liquids;
- Substances for cleaning silver.

7 – DISPOSAL

Cut the power cable before the disposal of the machine. It is forbidden dispose this equipment as domestic waste.

Packaging

Packagings with recycling's sign are recyclable. Dispose the packaging in a center for the disposal of recyclable materials.

Before the disposal

1. Disconnect the plug from the socket.
2. Cut the power cable and dispose it with the plug.

Correct disposal of this equipment

The equipment must be consigned in a center for the recycling of electronic equipments. Contact the local authority, the assistance to the disposal of domestic wastes or the shop where you bought the product.

The directive of the European Union 2002/96/CE about the disposal of electronic equipments (RAEE), says that it isn't allowed to dispose the machine as domestic wastes. These equipments must be collected separately in order to optimize the recycling and to avoid dangers for the environment and the health.