

# USE & MAINTENANCE MANUAL

## EXTRUDER WITH COCHLE & MIXER PRODUCT CODE : ROL.CO-001



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Thanks a lot for buying a Rollycarp product , we recommend that you read this manual carefully.

In this manual you can find all information necessary for the correct product operation in totally safety for the operator, for correct maintenance and how to best use the Rollycarp Extruder with Cochlea & Mixer

For any other information or assistance please contact a producer

## 1.1 Inside the package

### **EXTRUDER WITH COCHLEA & MIXER Cod. ROL.CO-001**

Inside the package received you must find all the following material, otherwise contact us immediately. The product is shipped assembled and ready for use:

- N.1 Tank Capacity 88 liters - External dimensions 610 mm x 305 mm x high = 640 mm
- N.1 Cochlea with variable D. 100 mm installed
- N. 1 Mixer blade mounted installed
- N. 2 geared motor Three-phase 400 v 0.75 Kw of 1 Cv
- N. 2 Inverter 220/400 v
- N. 1 Standard socket Eu Shuko 230v 50 Hz (cable length approx. 1.5 meters)
- N. 1 IP65 Electric Box complete with Start / Stop commands, speed variators and work start and rotation direction
- N. 1 Transparent Lexan cover with safety Micro installed
- N. 1 Mix output plate Standard Series Rollycarp extruder
- N. 1 Inverter Installation Booklet

## 1.2 How to assemble the product

### **EXTRUDER WITH COCHLEA & MIXER Cod. ROL.CO-001**

Before the first using , with more carefully remove all parts by the manufacturer for packaging and transport.

Remove all the external Pluriball to protect the machine

More attention to the inside of the tank, in the area of the cochlea and of the kneading paddle, there are no residues of the external packaging before using the product

Extruder Cochlea & Mixer has been delivered ready to work

## 1.3 Correct working of product

### **EXTRUDER WITH COCHLEA & MIXER Cod. ROL.CO-001**

#### 1.3.1 Ignition and use of extruder

1. Insert the socket
2. Press the Green Start button and wait 5 seconds (photo 1.1)
3. Move the Cochlea Motor selector 1 or 2 for Cochlea motor on (photo 1.1)
4. Move selector of the Mixer Motor engine on (photo 1.1)
5. Turn the speed regulator to change the speed of the 2 motors independently (photo 1.1)

At this moment both engines are started and the machine is ready for use

#### 1.3.2 The machine does not start because?

1. The cover top is open (machine not work)
2. The selector levers of the engines are not at the value 0, to start the machine the ignition levers must always be in the initial 0 position (photo 1.1)
3. The speed adjustment lever is set lower than 5, always keep the potentiometer lever halfway or more in the graduated scale when starting the machine (photo 1.1)
4. If the problem persists contact the manufacturer

PHOTO I.1



1

2

3

4

### STARTING PROCESS :

1. PUSH START ( wait 5 sec )
2. CHECK IF 2 POTENTIOMETER ARE IN THE MIDDLE (5 Position)
3. MOVE THE COCHLEA SELECTOR IN POS 1 or 2
4. MOVE THE MIXER SELECTOR IN POS 1

### 1.3.3 Safe stop system

1. The first safety stop system is when the cover top is open, once the safety microswitch is opened and the machine is completely stopped, for the restart it's necessary re insert start-up procedure (see paragraph 1.3.1 or Photo 1.1)
2. The second safety stop system is the pressure of the Stop Red Button, now machine is completely stopped, for the restart it's necessary re insert start-up procedure (see paragraph 1.3.1 or Photo 1.1)

These 2 security systems completely guarantee your operator safety and product integrity

In addition, the machine can be stopped by rotating the 2 levers of the 2 motors in position 0 (photo 1.1)

If any of the above points do not work properly, contact the manufacturer immediately

**Please most important not disable any security command, Rollycarp declines any direct or indirect responsibility in this case**

### 1.3.4 Correct use Mixer mixer - Mixing phase

With this product you can prepare directly the dough for boiles

All you need to do is turn on the mixer motor, then turn on the coclea motor, set the selector in position 2, now insert your mix directly into the mix and then the liquid part (eggs, flavours, more additives.). A medium / high mixer speed adjustment is recommended during the mixing phase.

Once the mixture is ready, bring the cochlea selector to zero position, leaving the Mixer motor running and proceed to step 1.3.5

### 1.3.5 Correct use Cochlea Extruder - Extrusion Mix out Phase

Move the Cochlea selector to position 1, now the cochlea will rotate in the opposite direction to the previous mixing phase, this will allow a smooth exit of the dough from the cone. Now the dough will come out regularly

Adjust the speed of the Mixer to the minimum using the appropriate lever  
Adjust the speed of the Cochlea if you want to change the speed of the product coming out of the cone  
At the end of the work, switch off the machine using the Stop button.

**NEVER use water or liquids in general on all the external electric parts of the machine, the electric parts could be damaged and do not work correctly**

## 1.4 Correct maintenance and cleaning product

Proper maintenance and care of your product will guarantee its quality over time. Below you can find how and what to do

- Always empty the tank after use
- You can remove the Cochlea and Mixer Mixer Shovel to clean the inside and the same components removed with hot water
- Carefully dry the parts after next use
- Not use abrasive or corrosive products for cleaning
- Not move electrical parts in any way

### 1.4.1 Remove Cochlea

To remove the auger, unscrew the screw , remove the extruder plate at the outlet and remove the auger. To reassemble everything, follow the same procedure in reverse

### 1.4.2 Remove Mixer

To remove the blade, unscrew the screw , remove the blade taking care not to create permanent damage inside the tank. To reassemble everything, follow the same procedure in reverse

**For any information please contact the producer**

### 1.5 Product warranty

This product is covered by a Rollycarp warranty for 24 months from the invoice date

The warranty doesn't cover any damages because to current overloads because to the network to which the product should be connected or caused by other equipment, systems or components during improper connection or unauthorized use.

#### **ENGINE AND GEARBOXE NOT INCLUDE IN WARRANTY**

The engines will be replaced under warranty only if the engine manufacturer finds a manufacturing damage in them.

Any breach of seals or tampering with the product will cause the warranty to lapse.

The warranty does not cover damage because to incorrect operation by the operator

#### **Buyer pay always a shipping costs in warranty**

**Out of 2 years warranty in assistance Rollycarp transport costs pay the buyer as well as the costs of repair, verification and updating of the product.**

### 1.6 Details

**Rollycarp is exempt from any liability for damage to other products or persons because to possible tampering with the product**

For any information contact us

**WWW.ROLLYCARP.IT**

**SERIAL NUMBER**

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