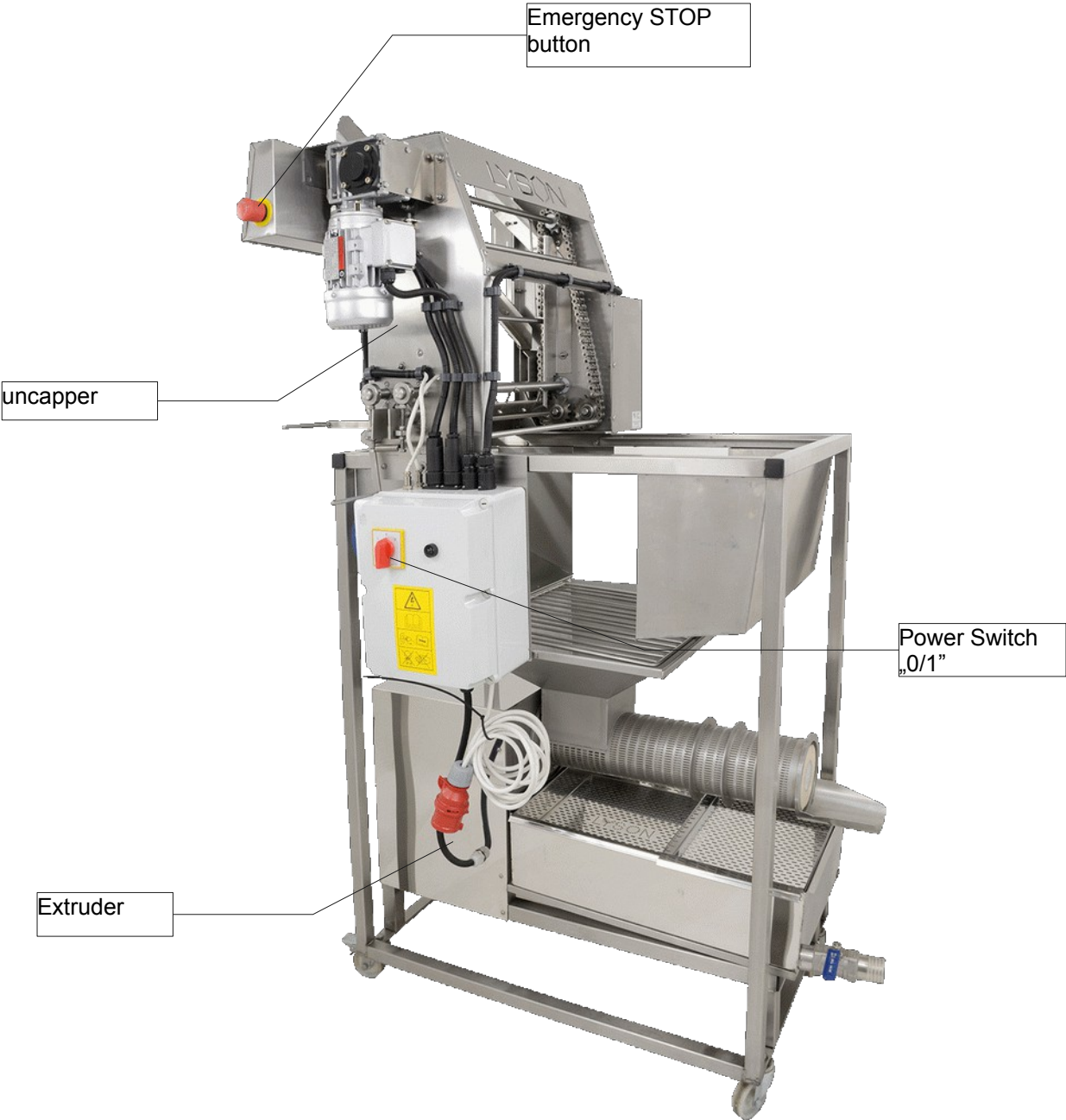


PREMIUM UNCAPPING MACHINE INSTRUCTIONS MANUAL



PC-03 unit is designed to control uncapper and extruder at the same time

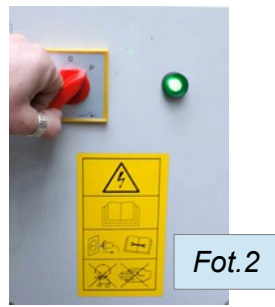
Its Control Panel consists of two separate sections. The left hand side section of the panel controls and monitors work of the extruder and the right hand side is dedicated to uncapper

After correct positioning on level and solid surface perform following procedures:

- plug the device into the mains socket
 - make sure the Emergency Stop button is released (by turning it according to arrows on top of the button)
 - set the direction knob „LEFT-RIGHT” in the right position (depending on chain direction).
- Power supply unit with work direction switch „LEFT-RIGHT”.



Fot.1



Fot.2

Control Panel will start after completing above actions.



Fot.3

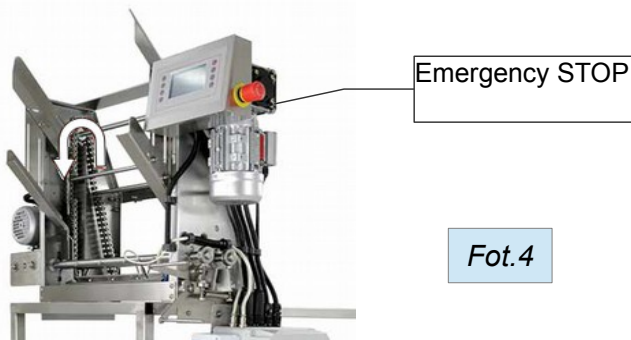
Extruder's Control Panel

Uncapper's Control Panel

The device is powered by 3-phase current (400V) therefore it is equipped with „LEFT-RIGHT” switch, which allows user to change motor rotation direction. The „LEFT-RIGHT” switch allows to reverse work direction in case of frames getting stuck in the uncapper.

Check the rotation direction before uncapping

Fot.4.



Fot.4

Correct work direction (arrow).

Control Panel is equipped with 8 buttons that allow user to control work parameters

All changes to settings are stored in controller's memory.

Button Description:

1 – „START” value changing button „PLUS”	Counterclockwise extruder's work direction After entering menu (button 4) it allows to increase extruders rotation speed (range: 10%-100%)
2 – „START” value changing button „MINUS”	Clockwise extruder's work direction After entering menu (button 4) it allows to decrease extruders rotation speed (range: 10%-100%)
3 – „STOP”	Stopping extruder's work
4 – [...] Menu	Press to enter or exit Menu section Fot.5. Menu section allows user to change speed and temperature settings.
5 – „START”	Starting the uncapping knives
6 – „STOP”	Stopping the uncapping knives
7 – „START” value changing button „PLUS”	Uncapping knives heating – ON After entering menu (button 4) it allows to increase knife's temperature (temperature range: 30°C – 95°C) T- current temperature
8 – „STOP” value changing button „MINUS”	Uncapping knives heating – OFF After entering menu (button 4) it allows to decrease knife's temperature (temperature range: 30°C – 95°C) T- current temperature

Button 4 [...] Fot.5 entering and **Fot.6** exiting settings menu.



Fot.5

Main control panell's screen.

Menu screen (below)



Menu section allows user to change speed and temperature settings.

Menu button [...] is active when the device is stopped or working, which allows user to change work parameters before or during uncapping and extruding.



Fot.7 Extruders speed can be changed using buttons 1 „PLUS” (to increase speed) or 2 „MINUS” (to decrease speed).

Fot.8 Knives temperature parameter **S**.

Use buttons 7 „PLUS” (to increase temperature) or 8 „MINUS” (to decrease temperature).

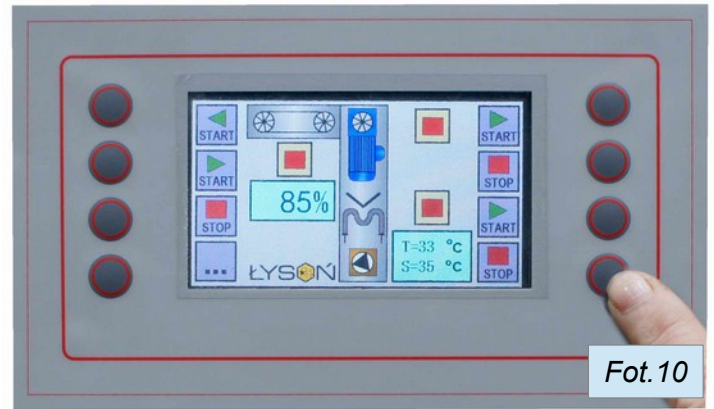
To exit settings menu press button 4 again (changes will be stored in memory automatically)

An animated icon is displayed for each working element (knives, extruder, etc.)



Fot.9 Switching on the knife's heater - button 7

Required temperature is maintained by the controller automatically.



Fot.10 Switching off the knife's heater – button 8

Uncapping can be started only after required knife temperature has been reached. Place honey frames on the sliders.



Fot.11 Correct Frame placement.

Then turn the uncapping knives on.



Fot.12 Turning on the uncapping knives - button 5



Fot.13

Fot.13 topping the uncapping knives
- button 6



Fot.14

Fot.14 Turning on the extruder



Fot.15

Fot.15 Stopping the extruder



Fot.16

Fot.16 Extruder's reverse gear turning on.