

Wax Capping Extruder User's Manual



The device exists in 4 variations of performance: 50, 100, 200, 500 kg/h

The machine is intended for mechanically separating honey from the wax caps.

This process takes place inside the perforated drum.

There the turning separation-compression mechanism extrudes honey that comes out through the holes between the cylinder and the perforated metal sheet and flows down onto the sieve underneath. The remaining wax is pressed by the screw inside the extruder, coming out completely clean of honey. This is the way we obtain dry wax, ready for remelting.

The whole construction is made from high quality acid-proof stainless steel. It is placed on a frame with wheels which makes transport easier.

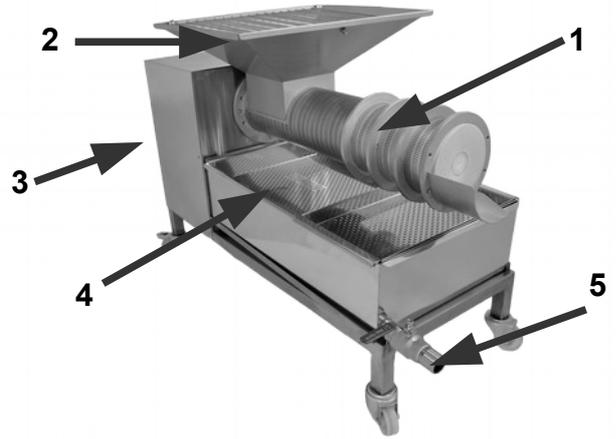
One of its main advantages is the fact that it is easy to operate. The working velocity is regulated by an in-built inverter.

Due to its compact size it does not take up much space in a workshop.



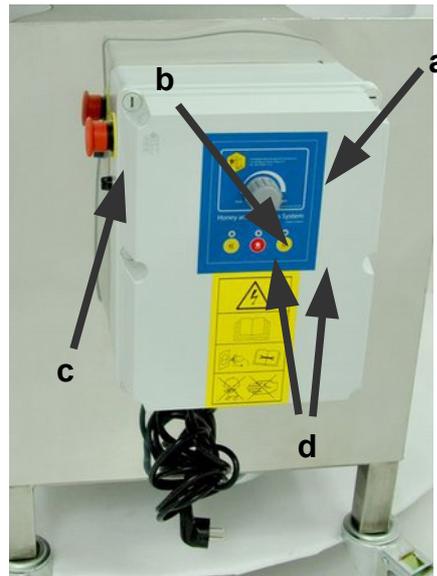
Pic.1. „0/I” Switch

The extruder consists of:



1. separation-compression shaft
2. wax cappings chute
3. controller
4. sieve
5. connector with a valve

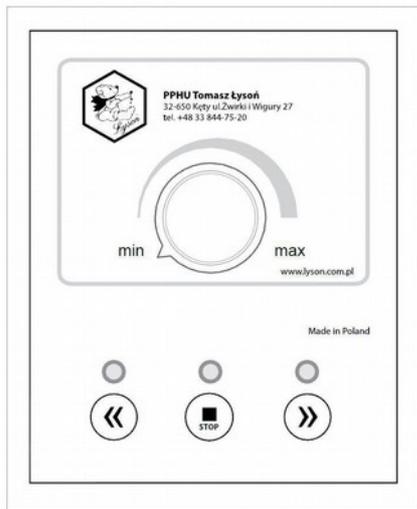
The extruder with 230V inverter is equipped with a controller that enables user to increase or decrease the shaft's rotation speed by turning the appropriate potentiometer.



- a) Regulation of rotation potentiometer
- b) red „stop” button
- c) „STOP” EMERGENCY button
- d) yellow buttons to change the rotation: „left” or „right”

Red „EMERGENCY button is to immediately terminate the machine's performance.

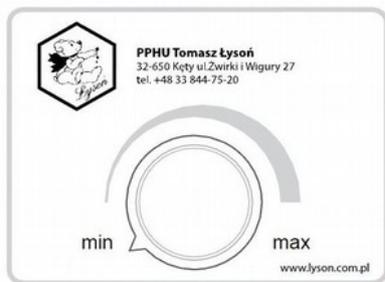
Whilst booting the machine EMERGENCY button should be switched off (to be turned in a away so that it pops out).



Graph.1

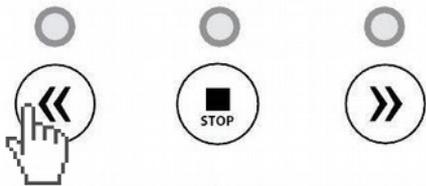
Prior to commencing any work, make sure that controller is switched off and the switch itself is in "0" position.

Before you start, set the potentiometer that increases/decreases the velocity to its minimum level as per the graph below.

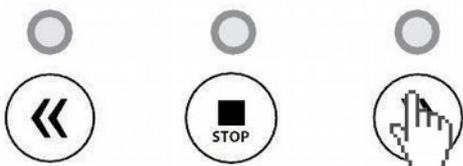


Sic.2. Speed regulating knob

To make the device rotate in the required direction use the corresponding arrows. The controlling knob increases the speed of separation-compression mechanism.

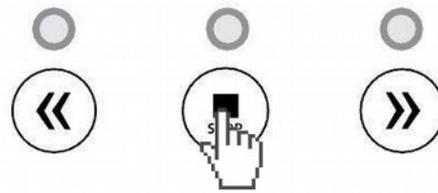


Pic.3. Change the mechanism to rotate to the left



Rys.4. Change the mechanism to rotate to the right

To change the direction of rotation press "STOP", followed by a proper direction setting with the buttons as



Rys.5. Press "STOP" to stop the device

400V Wax Cap Extruder User's Manual



The device exists in 4 variations of performance: 50, 100, 200, 500 kg/h

The machine is intended for mechanically separating honey form the wax caps.

This process takes place inside the perforated drum. There the turning separation-compression mechanism extrudes honey that comes out through the holes between the cylinder and the perforated metal sheet and flows down onto the sieve underneath. The remaining wax is pressed by the screw inside the extruder, coming out completely clean of honey. This is the way we obtain dry wax, ready for remelting.

The whole construction is made from high quality acid-proof stainless steel. It is placed on a frame with wheels which makes transport easier.



Controller – user's manual

The 400V extruder has been equipped with a controller with a knob - „P” right, „L” left and „0” stop. The implemented 400V engine with moto-reducer without an inverter is powered by 400V power supply.

Depending on the electrical installation used, the engine will either rotate to the left or to the right.

Turn the knob to change the direction.

Stop the extruder by turning the knob to its "0" position

Electrics – Safety Issues



Please make sure that controller is switched off before plugging in the device. Power switch should be set to „0" position and the knob pointing "min"

1. Make sure that dryer's nominal voltage is in line with electricity supply's voltage.
2. Electricity supply must be fitted with a residual current device with a rated tripping current not exceeding 30mA The operation of the over-current protection needs to be checked periodically.
3. Check the condition of the cord periodically. If the supply cord is damaged and needs to be replaced, this function should be performed at the guarantor or by special service or by a qualified person in order to avoid danger. Do not use the device if the power cord is damaged.
4. Pay extra care whilst plugging the device in
5. Pulling the cord is strictly forbidden. Keep the cord away from the sources of heat, sharp edges and ensure it is in good condition.
6. Protect your engine and controller against moisture (also while storing)

• Safety

1. This device is not designed to be used by persons (including children) with limited physical, sensual or psychological abilities or persons who do not have experience or knowledge of the device unless it is done under supervision and according to the user manual passed by persons responsible for their safety.
2. Keep away from children!
3. In case of damage, in order to avoid hazard, repairs can only be carried out by a special service or a qualified person.
4. Do not perform any maintenance nor attempt to remove any faults whilst the device is in motion or plugged in.
5. Do not store in the proximity of flammable materials
6. All covers must be securely affixed to the device.
7. Should any hazard arise, press the emergency button immediately. Once danger has been eliminated, the device can be restarted.
8. For indoor use only! Not to be used outdoors!
9. **Pay extra care not to let any debris (i.e. Nails, drills etc.) fall into the shaft during operation as they may damage the cylinder as well as perforated drum.**