

Instructions manual

Uncapping machine with manual frame feeder



LYSON

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The manual covers following devices (codes):

W20960

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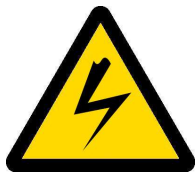
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Manual uncapping table with optional frame guides (W2096C)

1. General safety instructions

Before first use read the manual carefully and follow the instructions contained therein. The manufacturer is not liable for damage caused by equipment used inappropriately or by incorrect handling.



1.1. Electrical safety

1. The electrical supply system must be fitted with a residual-current circuit breaker with rated tripping current not higher than 30mA. Performance of the circuit breaker should be checked periodically.
2. Periodically check the condition of the power cord. Replace the power cord if damaged. Replacing the power cord can only be performed by the manufacturer or by qualified personnel. Do not use the device if the power cord is damaged!
3. Make sure that the main switch is in „0“ position before plugging the unit in.
4. Connect the device to a socket with voltage specified on the rating plate of the product.
5. Carefully connect the plug into the mains socket. Make sure your hands and the floor surface in the room are dry!
6. Do not move the device during operation.
7. Protect the motor and the control unit against moisture (also during storage).
8. Do not pull the power cord. Keep the power cord away from heat sources and sharp edges to ensure its good condition.



1.2. Operation safety

1. The device is not intended for use by persons (including children) with limited physical, sensory or mental abilities, or by inexperienced users, unless under supervision or with instructions given by an accountable party. This device is not a toy, and shouldn't be used as one. Children should not play with it.

2. In the event of damage to the device, to avoid any health and safety risks, repairs should be carried out only by qualified personnel.
3. Never carry out any maintenance or repairs during operation or if the device is plugged in!
4. All covers must be firmly attached to the device during operation
5. Do not use the device near flammable materials.
6. For indoor use only. The device is not suitable for outdoor use.
7. Do not use or store the device at the ambient temperature below freezing. If the device has been moved from a cold room to a room with a higher temperature, before switching on wait until it reaches room temperature.



Never carry out any repairs during operation



Do not remove covers during operation

2. Instructions of use

2.1 General instructions – preparation for use

1. Set the device up in a designated, clean, dry and well lit room.
2. Once the device is set up, lock the caster wheels to prevent the device from moving.
3. Keep a free space around the device for better handling.
4. Provide easy access to the power source.
5. Closely follow the instructions of use.

2.2 Operation instructions

1. The device has to be cleaned before the first use and after finishing work according to the instructions in the "Cleaning and Maintenance" section.
2. Before start:
 - set the knife driving motor switch (11) to „0” position and plug the power cord in.
 - check the water level in steam generator's tank (4), top up to the MAX mark if required
 - check the hose ties (5) if properly tightened
 - wait until the knives (7) reach their working temperatures.
3. Switch the knife driving motor on (11).
4. Insert a capped frame into the chain frame feeder (10) and turn the crank (3) to feed it through the uncapping knives (7).
5. Watch the quality of uncapping action closely and if required stop the process then adjust the guides (9) and the gap between the knives accordingly (8).
6. After adjusting switch the knife driving motor on again to continue uncapping
7. Uncapped frames automatically slide onto the table's frame guides (1).
8. Cappings drop onto the sieves at the bottom of the uncapping table
9. After uncapping drain the honey through the drain valve located at the bottom and clean the sieves.

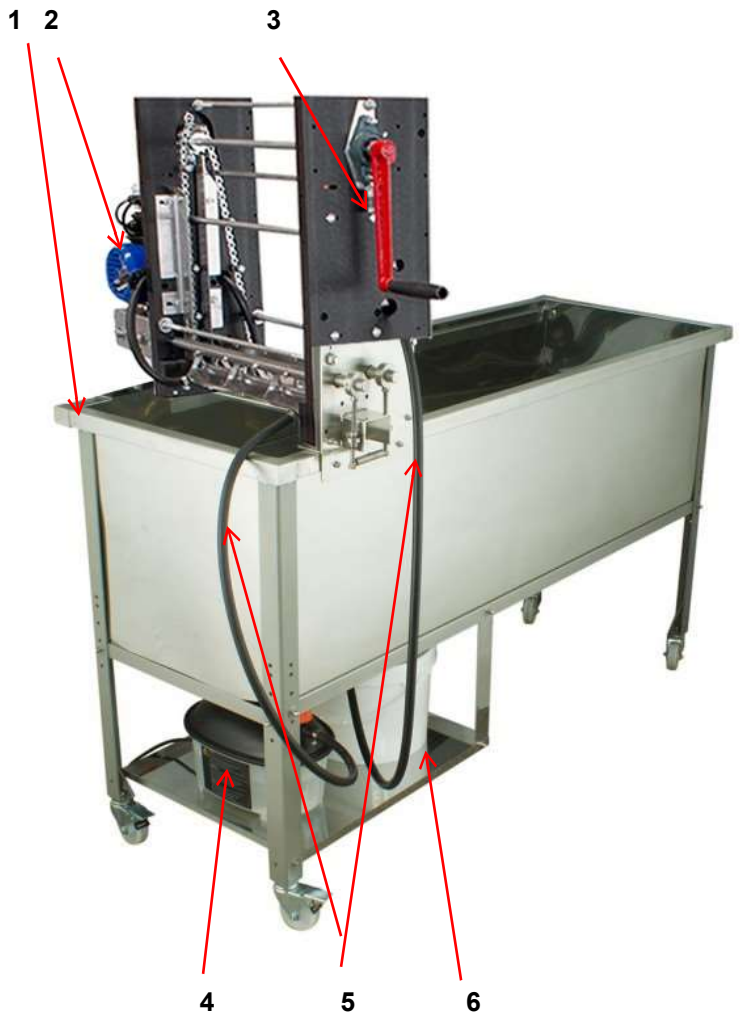


Fig.1



WARNING!!!

Hot uncapping knives be careful while adjusting

3. Product description

The uncapping table is a device which allows to mechanically uncap sealed bee frames before the process of honey extraction. It is characterized by high efficiency and effectiveness of work.



Fig. 2

3.1. Product design

- 1- uncapping table
- 2- knife driving motor
- 3- frame feeder drive system
- 4- steam generator
- 5- steam hoses
- 6- tank for condensed steam
- 7- uncapping knives
- 8- knife adjustment levers
- 9- frame guides
- 10- chain feeder
- 11- knife drive system switch
- 12- LED work indicator light

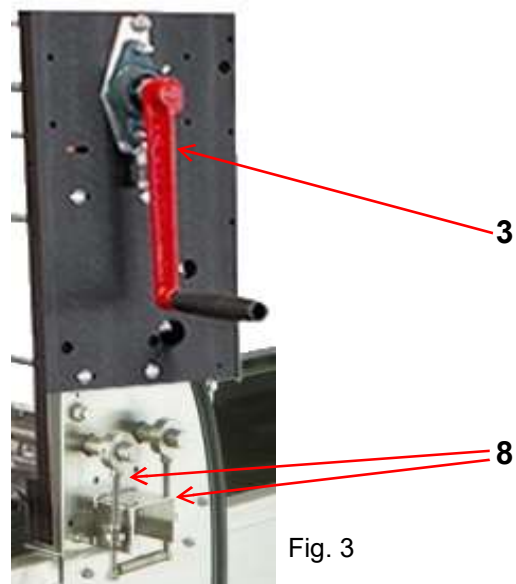


Fig. 3

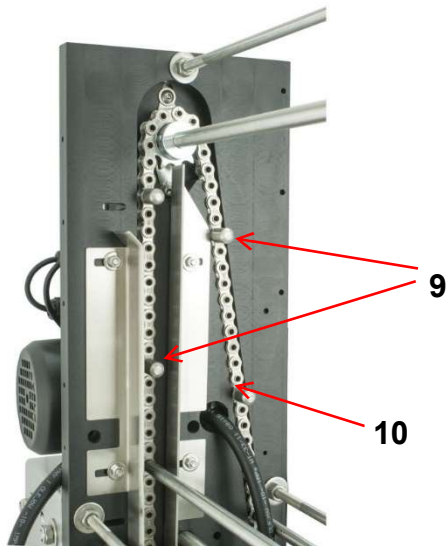


Fig.4

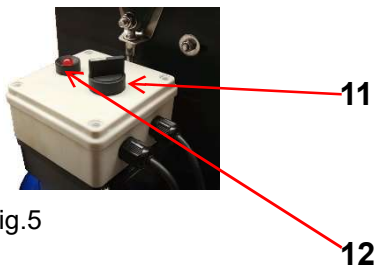


Fig.5

3.2. Technical specifications

Frame

Uncapping tank and sieves made of acid resistant stainless steel, legs made of powder coated steel profiles.

Uncapper

Acid resistant stainless steel

Knife driving system

180W electric motor.

Heating system

1800W steam generator with 4L water tank.

Honey drain valve

Stainless 6/4" flap design.

Power supply:

- Voltage -230V/50Hz
- Motor power consumption – 180W
- Heater power consumption – 1800W
- water tank capacity – 4L.
- Estimated time of producing steam (1 tank full) – 15min.
- Steam generator's work time limit – 1h.

Dimensions:

- height -1580mm.
- width – 800mm.
- length – 1550mm.
- Net weight – 75kg

4. Storage

Clean and dry the unit thoroughly after use.

If the device has been moved from a cold room to a room with a higher temperature, before switching on wait until it reaches the ambient temperature and all condensation water evaporates.

Store the device in a dry and frost-free room.

Do not use the device when the ambient temperature is below 5°C.

An additional technical check should be carried out periodically, and if any defects are found, please contact the manufacturer.

5. Cleaning and maintenance



Unplug the device from the power supply outlet before performing any maintenance!

Before first use and after finishing work the equipment must be thoroughly cleaned and dried.

While cleaning ensure the safety of all electrical components like motors and controller panels (for the time of washing cover them with waterproof fabric or plastic film).

No parts of the device require chemical conservation including the feeder chain.

An additional technical check should be carried out before the start of the pollen harvesting season, and if any defects are found, please contact the manufacturer.

6. Waste disposal and environmental protection

The used product must be disposed in accordance with the local regulations. Return the device to a collection point from where it can be submitted for environmentally compatible recycling.

The consumer has the right to return used equipment directly to the manufacturer's distribution network, free of charge, while replacing it with a new unit as long as the used device is of the same kind and same application as the newly purchased device.

7. Warranty

The product purchased from the Lyson Company is covered by a manufacturer's warranty. The warranty period is 24 months from the date of purchase.

All purchased products come with receipts or VAT invoices.

Warranty details at: www.lyson.com.pl

Product website links:

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