

Equipment

Universal Radial Extractor consisting of the extractor, two top half covers and stand.

Use

1. Clean the extractor before use thoroughly with cold water and then hot water (not boiling) and allow to dry completely. Honey is hygroscopic and will absorb moisture and cause it to ferment. Do not use any cleaning fluid.
2. The extraction room should be clean, bee proof and warm.
3. Fit the set of legs provided. Note that the unit will move about when rotating – the lugs on the stand may damage soft flooring.
4. Check that the lever on the 'Speed Control Unit' is at the 'Off position.
5. Uncap frames to ensure the honey flows out freely.
6. Place the frames in the extractor, top bar lug locating in the 'D' section on bottom ring. When the cage is full the frames will resemble the spokes of a wheel.
7. Try to distribute the weight evenly by selecting the frames and placing them to balance as the cage spins.
8. Switch on the machine and turn the lever on the Speed Control Unit slowly clockwise. The motor should start and turn the cage slowly. Rotate the cage slowly at first, and gradually increase the speed until honey can be seen to be leaving the comb freely.
9. Move the lever clockwise for increased speed or anti-clockwise to 'O' on the dial to reduce. Do not open the Speed Control Unit or make any adjustments to the electric motor. NB If you experience a power cut during extraction always return the lever on the controller to 'O'
10. Do not reverse the motor whilst the cage is revolving without first setting the control to the zero position and allowing the cage to stop rotating.
11. It is essential to spin the frames both forward and reverse to extract the honey from both sides.
12. When draining the extracted honey, a 30lb (10 litre) bucket will fit underneath the honey valve whilst the extractor is on its stand. The extractor can be lifted on to a table so that the honey can run directly into a honey tank for straining but beware of the weight when lifting it. It can be very unwieldy because of the weight of the motor.

Notes

- A. Be particularly careful with newly drawn out or partially granulated combs.
- B. Extraction time depends on the temperature and the viscosity of the honey.
- C. After each load is extracted, check to see that the depth of the honey in the bottom of the barrel does not reach the protruding frame lugs.
- D. Do not allow honey to come into contact with gears or drive assembly.
- E. Do not leave honey in the machine for long periods.

Cleaning

After extracting the honey, the extractor needs to be cleaned before its return.

Make sure it is disconnected from the power supply.

Wash out all parts with cold water and then hot water and allow to dry. Wipe around the motor with a damp cloth. Do not use any cleaning fluid.

To remove the top bar (with motor drive assembly) release it by removing the nuts, washers and wingnuts and then lifting out the whole inner cage. There is no need to remove the Jubilee clip securing the spindle to the motor assembly or any other screws. Be careful not to lose any of the nuts, washers, and wingnuts.

If not immediately returning the extractor, cover the machine to prevent dust, dirt, spiders etc. entering the works and fouling the brushes and armature.

Note: Be particularly careful when cleaning that the unit is switched off and unplugged, and that the motor and controller are always kept perfectly dry.

Guarantee

The machine is fully tested and checked on return and before hiring it out. If, however, any defect is noticed, please inform us as soon as possible.

Contact

equipment.rental@eastlancsbees.org.uk

Payment

Fee of £5 for 3 days hire payable either in cash on collection or return or direct to ELBKA Sort Code 20-45-45 Account Number 10331783 with the Reference "Equipment Hire"