



4 FRAME METAL EXTRACTOR

USAGE, MAINTENANCE & SAFETY



Thank you for your purchase!

At Harvest Lane, we strive to offer the best products in the beekeeping industry.

PRIOR TO USE

Thoroughly clean the extractor before every use with warm soapy water and rinse thoroughly. Use of gloves is recommended to protect from scratches, etc.

Operate the rotation mechanism. It should operate smoothly; it may be stiff at first. If necessary, you can apply a small amount of food grade grease to the moving parts. The shaft of the basket mechanism rests on a small ball bearing at the bottom of the extractor barrel. This ball bearing can be greased with food grade grease. This is easily done by removing the two nuts at the top of the extractor that holds the gear mechanism to the extractor, and lifting the whole unit out of the extractor barrel. Be careful not to lose the ball bearing.

Place the extractor on a firm surface that will hold the weight of the equipment and personnel using the extractor. The extractor must be level in order for the frame baskets to rotate smoothly.

Check that the extractor parts are properly connected and that the mechanism smoothly spins the frame baskets. Make adjustments if necessary for the frame baskets to spin smoothly.

PLASTIC LIDS: These are to allow you to see the interior of the barrel and the frame baskets while in the extraction process, to help reduce honey from being sprayed out of the extractor, and to keep you from reaching into the extractor while it is spinning. **DO NOT LEAN ON THESE LIDS!!!** The lids will NOT support a lot of weight.

USE

Your honeycomb will need to be uncapped before insertion into the frame baskets. This can be done with a honey knife (cold knife or heated electric knife), a scratcher or other methods.



Remove one or both of the plastic lids and insert the frames of uncapped honey into the frame baskets. The frame baskets will hold one large (deep) frame and two small (medium) frames. (Small frames will overlap; if this prevents you from extracting the honey as efficiently as you want, then just put one small frame in each frame basket.) After installing your frames of honey, replace the plastic lids.

NOTE: Frames of honey will often vary in weight and one side of the frame may have more honey than the opposite side. Try to install frames of honey, in each frame basket, that are similar in weight as this will help balance the extractor and help prevent the wobbling of the extractor

as speed is increased during honey extraction. If wobbling occurs, try slowing the rotation of the frame baskets. You may have to remove a frame of honey and replace it with one that is more similar in weight to the one in the opposite frame basket.

After installing the frames of honey, and replacing the lids, start spinning the frames by rotating the handle. Start slowly and increase speed as needed to start the honey flowing from the frames. (A warm room helps

thank you!

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facilitate the honey flow.) DO NOT press, lean on or set objects on the plastic lids as they could break and cause injury from the spinning parts in the extractor.

After you have extracted the honey from one side of the honey frames, you will need to turn the frames around in the frame baskets of the extractor; this will allow the opposite side of the honey frame to be extracted. Honey frames will not be COMPLETELY emptied of honey.

HONEY GATE: At the bottom of the extractor barrel a Honey Gate has been installed. It allows you to direct the flow of extracted honey into a container of your choice. The Honey Gate can be closed or open during the honey extraction process. If left closed you will need to watch the amount of honey collecting in the bottom of the barrel and open the Honey Gate when the honey in the bottom of the barrel gets too deep for the frames to rotate easily.

FILTERING YOUR HONEY: When the honey frames are extracted, you will find that wax, and other things from the honey frame, may be in the extracted honey. If you want to filter these out of the honey, you can do so with metal or mesh filters. The filter can be placed between the honey gate and the container you are using to hold the extracted honey. If using a 5 gallon bucket, like the Harvest Lane Honey Bucket with honey gate, you may need to place the extractor on a raised platform so it, and the filter you are using, fit under the extractors honey gate. If you do this, be careful during the extracting process so that the extractor does not fall off the platform; don't let the extractor wobble.

MAINTENANCE

- Clean and dry the extractor before and after each honey extraction process.
- Keep the extractor clean and dry when not in use.
- Inspect the extractor for proper operation before each use. Fix any problems before using the extractor.
- If needed, food grade grease can be used to lubricate the ball bearing and other moving parts.
- DO NOT put items on the lids, or lean on them, as they may break

SAFETY

- USE CAUTION WITH THE PLASTIC LIDS! They do not hold much weight.
- DO NOT put hands, or body parts, or any object, in the extractor when the frame baskets are moving; injury can result.
- Keep the lids in good condition and put them in their place when you are extracting.
- When cleaning the extractor and its parts, use gloves to help prevent scratches, etc.
- When rotating the handle to spin the frame baskets, be careful to keep hands clear from the extractor barrel, or bolts, etc.

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