

BCBA

Lyson 20 Frame Extractor

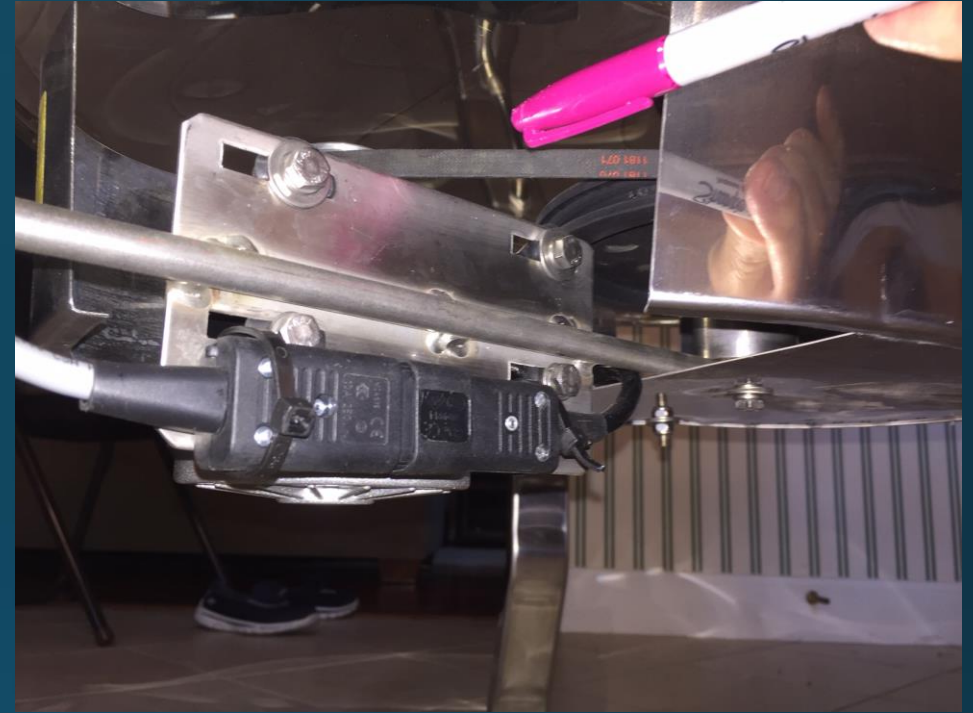
Feature Overview

- 20 medium or shallow, 4-8 deep frames
- Safety features – lid switch, large emergency stop switch
- Variable speed – simple control system
- Dual power – 110VAC or 12VDC (car battery)
- All stainless, conical bottom for complete draining
- Clear Plexiglas covers
- Sealed shaft bearings, welded 1-1/4" drain
- Auto shutoff after 10 minutes of inactivity
- Wt. = 66lb – **Two person job to move – protect the controller and valve projection**



Safety Precautions

- GFCI recommended
- Small portion of belt exposed underneath
- Ensure small children or pets do not have access to the under side
- DO NOT POWER USING A RECTIFIER, use either 110VAC or a large 12 volt car battery.



Safety

- Test safety stop features before each operation
- Secure legs or protect surface from movement of extractor.
- Load and ensure equal frame weight distribution before connecting power
- Test frame installations at lowest speed and verify they are secure.



Operation

- **OPEN VALVE!**
- Note O-ring in valve face, wipe with food grade silicon grease as needed
- Insert frames of same size a approximate weight in opposing positions

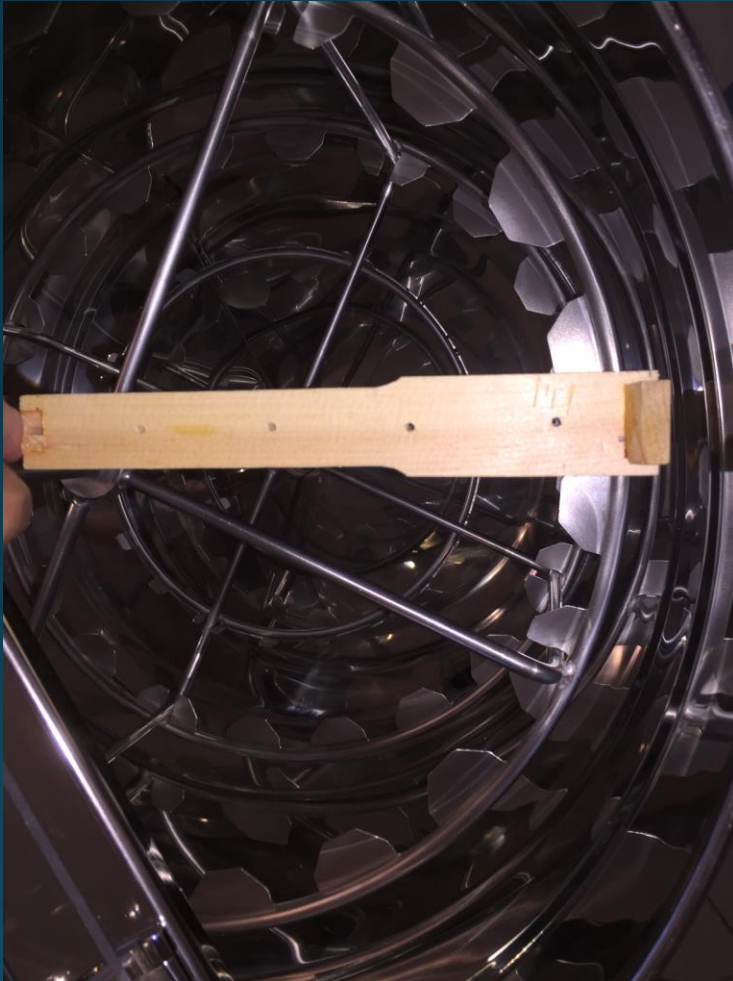


Operation

- Verify bottom of frame is seated properly & then seat the top
- Frame end bar should sit on lower support ring and top bar should seat between lower tabs



Operation



- Top bar seated between tabs shown at left
- Balance loads of less than 20 frames by keeping opposing slots open or filled.
- Basket can be easily turned by hand while loading the unplugged extractor
- Ensure the drain valve is open and container is in place.

Power up display



1. Run time
2. Motor temperature in degrees C
3. Power supply voltage
4. D = percent of max speed
5. Speed increase / decrease speed 0 -10, & STOP
6. Tone emitted during operation is a feature of the speed control system

Extracting process

- Close the Plexiglas cover
- Verify there are no controller errors
- Press “+” button once to start drum turning.
- Wait for steady state rpm's
- As honey ceases to be expelled from comb, increase speed
- Continue stepping up speed, allowing 1 or 2 minutes between changes



Extracting process

- If at any time you sense a problem with extractor operation:
 - STOP the extractor
 - Press down on red plunger on top of controller
 - Note any controller error message
 - Disconnect from power



Cleaning

- Note the center shaft sleeve has no seal
- When cleaning, avoid spraying water through the gap
- Water & cleaners going through the sleeve gap exit to the drive belt and motor area

