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## DADANT M00410 6-FRAME POWER EXTRACTOR

*The Dadant newly re-designed 6-frame power extractor now has  
an integral leg system and newly designed reel*



### ***Easy to assemble.***

*Dimensions:* 18" diameter, 40" high floor to top of tank, 16" floor to bottom of gate

*All stainless steel and nylon construction* – no paint to chip and peel – no plating to peel with age

*Stainless steel tank all welded*

*Loading capacity* – Six 6-1/4" or shallower frames radially each load with positive frame placement

*Stainless steel fabricated reel*

*Easy-to-assemble legs* simply attach with supplied bolts to leg brackets already in place on the extractor tank. This allows space for a 5-gallon pail to be placed under the honey gate.

*Laser cut reel with spot welded reel clips for positive placement.*

Radial extractors are the quickest, easiest, and most efficient way to extract honey from the comb. Uncapped combs are placed in the circular reel like spokes of a wheel with the frame top bars toward the outside of the reel. The reel spins, creating a centrifugal force. Because of the natural slant of the honeycomb cells, honey is thrown from both sides of the comb at once. No further handling of the frames is needed from starting to unloading time, freeing the operator for other work such as uncapping combs for the next load. With radial extractors, the outward pressure is against the top bar, not against the comb surface as in small, non-radial models, eliminating much of the breakage of the combs.

ASSEMBLY

1. Leg Attachment

- a. Remove legs and bolts from package.
- b. Lay tank on side on a soft surface (such as a towel) to prevent damage to the tank.
- c. Begin with inserting one leg into a bracket at a time and start both bolts in through the leg bracket and leg. Once the bolts are in place, tighten. Continue until all three legs are in place and set tank upright.

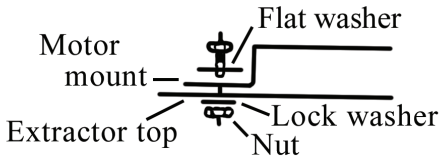


Easy-to-assemble legs

2. Motor Assembly

- a. Open the lid of the extractor and remove all packing holding the reel.
- b. Completely wash and dry the unit before use.
- c. Remove the power unit and fastener package from the separate carton.
- d. Remove the tape from the extractor drive shaft coupling, keeping the rubber bushing in position.
- e. Place the motor assembly on the stationary extractor lid aligning the bolt holes and the drive shaft coupling.
- f. Remove fasteners from package and assemble as shown in the diagram for all four bolt locations.

Check alignment of coupling and tighten mounting bolts.



**NOTE:** Securely anchor extractor using holes provided in leg feet.



Laser cut reel

OPERATION

- 1. Frames of honey should have the cappings cut off both sides.
- 2. Place 6-1/4" or smaller frames in reel frame clips. Top bar of frame should rest against outer ring of reel with bottom bar toward the center shaft.
- 3. After loading is complete, close lid and turn on motor using electronic speed control.

**NOTE:** First year combs may require slower initial turning with gradual increases in speed. If you break combs, slow down and increase speed gradually.

**Remember to keep the gate open** with honey flowing out of the extractor while you are extracting so that you do not cause undo stress on the frames or the motor as the honey would build up in the extractor. You can shut the gate while you are changing pails or when the motor is turned off.



Laser cut reel with frame

MAINTENANCE

The top bearing is a sealed bearing and requires **no** lubrication or maintenance.  
Clean extractor with soap and water (protecting the motor and speed control) and dry for storage between each use.

| REPLACEMENT PARTS |   |          |                                     |
|-------------------|---|----------|-------------------------------------|
| 04-39618          | Replacement Tank - See 04-40703         | 03-50164 | Replacement O-ring for plastic gate |
| 04-40703          | Replacement Tank (legs sold separately) | 03-50670 | Motor                               |
| 04-40001          | Stationary Lid                          | 03-50671 | Speed Control                       |
| 04-40002          | Movable Lid                             | 03-50306 | 5/8" Nylon Bushing                  |
| 04-40005          | Bottom Basket Support                   | 03-50665 | Nylon Gate Assembly                 |
| 04-40901          | Radial Reel                             | 03-50325 | 5/8" Shaft coupling (2 required)    |
| 04-40104          | Reel Shaft                              | 04-40606 | Leg Set                             |
| 04-40601          | 1/4" L-Bolt Assembly                    | 03-50327 | Rubber Cross only                   |
| 03-50087          | Bearing w/Snap Ring                     |          |                                     |