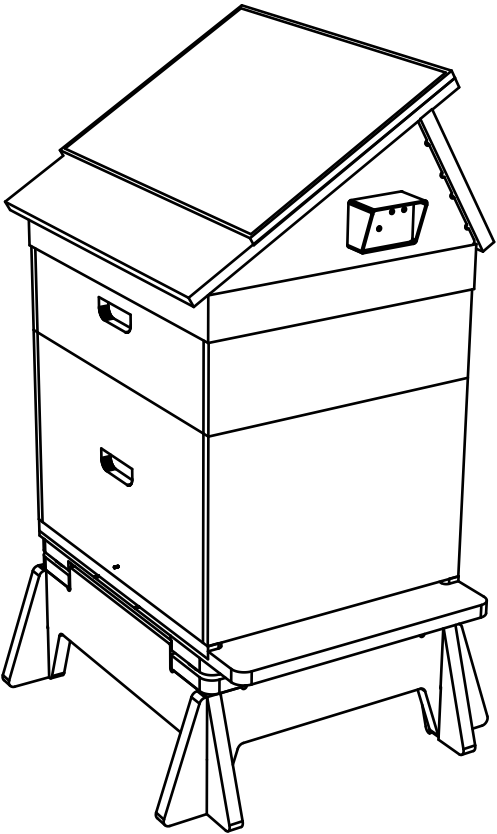


Parts required :

- 1 x standard Dadant Beehive
- 1 x roof top
- 1 x roof right
- 1 x roof front
- 1 x roof back
- 1 x 3D printed electronics enclosure
- 1 x laser cut transparent pmma front plate for electronics enclosure
- 1 x laser cut transparent pmma cap for pi camera
- 1 x base top
- 4 x 3D printed load cell mount
- 1 x base main frame
- 1 x base back
- 1 x base front
- 2 x base side
- 30 x 4mm x 16mm wood screw
- 10 x nylon zip tie

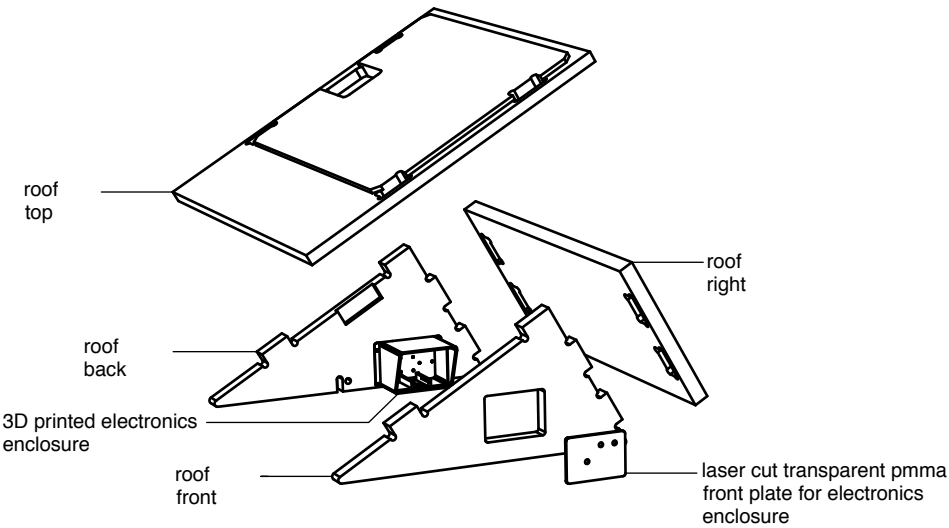
Tools required :

- Wood glue
- Mallet
- Wood varnish



Roof Assembly :

1. Glue the right side to the back and front
2. Glue the top to the back and front sides
3. Screw the electronics inside the enclosure
4. Close the enclosure with the PMMA parts
5. Screw 3d printed enclosure inside the front side
6. Screw the electronics inside the roof top and right
7. Put at least one coat of wood varnish to protect the wood
8. Put the roof to the top of the Dadant hive



Base Assembly :

1. Assemble the front and back with the sides
2. Glue the main frame to the base, (you may need the mallet to press-fit it in place)
3. Screw the 4 load cells mounts the the main frame
4. Install the load cells and use the groove to guide the cables
5. Fix the cables to the main frame with zip ties
6. Put the base top
7. Put at least one coat of wood varnish to protect the wood
8. Install the Dadant hive with the roof on the base

