

## ASSEMBLY INSTRUCTIONS

Parts List: Rolling Dibbler Cogs  
Shaft  
Pillowblock/Mount Assembly  
T-Wrench

Begin by centering the shaft on an empty float tray. Carefully slide on the first cog to the middle cell position if the tray has an odd number of rows. If it has an even number of rows simply choose either the right or left innermost cell to begin. Snug the set screw tight with the T-wrench for now. Ensure the shaft is kept perpendicular to the tray at all times. Now begin to add the remaining cogs working from the inside out and alternating sides to ensure equidistant spaces between cogs. After each cog is added, physically roll the dibbler up and down the tray to make sure each cog is centered in its appropriate cell row. After all the cogs have been mounted on the shaft and tested for squareness go back and tighten the set screw in each cog firmly. Be sure not to turn or rotate any cogs left on the shaft.

Next, insert the shaft into the pillowblocks on the mounting assembly. The exact distance from the end of the shaft is determined by the type of system you are using. For instance, if you are using a Berry Combination Tray-Loader/Filler the mounting holes are predrilled for you. All that is needed is to ensure the mounts are perpendicular to the angle iron of the filler itself. Guides are provided to allow the trays to consistently enter the rolling dibbler for processing. The guides should be pointing towards the soilbox when they are properly mounted. Use the adjusting nuts on the threaded rod to raise and lower the dibbler to correct height for proper dibbling. The dibbler should be low enough that it makes a good dibble and is able to push the tray along but it should not be so low as to damage the tray.

The spring tension may be adjusted to help prevent cross tracking. Do not overfill soil as this may cause cross tracking as well. Trays should be fed into the dibbler end to end so that the compensating end width rotates around completely. The first tray will need to be lined up by hand so that the correct rotation can be started. As long as trays are kept together this should not have to be repeated.