

THE LITTLE SHOT INSTALLATION AND TROUBLE SHOOTING GUIDE

Installation

1. Place the Little Shot Unit in a safe and easily located area close to the point of fiber introduction to the plant as possible.
2. Use 3" electrical PVC conduit to plumb the unit into the desired plant introduction point. Do NOT glue the joint from the sweep on the unit to the first joint of conduit. When installing the Little Shot pipe try to make the pipeline as straight as possible to the fiber introduction site. Be sure to secure the PVC to the plant with pipe clamps where possible to create a safe and sturdy pipeline.
3. When you need to make a sweep be sure to use 3" conduit sweeps. (Standard 45 and 90 degree fittings cannot be used in this application.)
4. It is crucial that the unit is connected with $\frac{3}{4}$ " airline to the unit that creates a minimum of 90 PSI and 25 CFM. (Clean/Dry Air)
5. Attach the $\frac{3}{4}$ " airline into the air duty valve on the Little Shot Unit.
6. When the Unit is set up and ready, first turn on the air duty valve and then add your fiber to the funnel.

Trouble Shooting

Pipe Clogs –In this situation there are a few options to try to fix the problem without tearing the PVC apart.

1. To avoid pipe clogging slowly add your fiber mix, instead of dumping the whole mix in at once. This will allow for the best suction of the Unit.
2. If the pipe does clog, place your hand over the hole of the funnel for 10-15 seconds to assist the suction of the Little Shot unit to clear the blockage.
3. If option number 2 does not fix the problem, uses a 25-foot snake to break up the clog. (A plumber's snake can be found at nearly any hardware store.)
4. If clogs are occurring regularly, remove as many sweeps as possible and be sure to ensure that the introduction point does not have any obstructions near the entry point that would cause the fibers to slow down at the end of the pipe.

Clumping in Mix – When sizable clumps are found in the mix there is an adjustment that usually can be made to ensure better quality mix.

1. Temperature is a key ingredient and an important part in the addition of our fibers. Using a digital thermometer ensure that the mix is at the approved temperature.
2. Another key step to avoiding clumping is to slowly add the mix to the little shot. Dumping a bag of fiber into the unit over the course of ten seconds will allow for better distribution and addition of the fibers into the batching system.

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