

Filter King

Wastewater Treatment

Filter King \$1,795.00

The Filter King is a simple concept: Recirculate the water through the vibratory deburring machine as it runs.

After every 20-40 hours of production, treat the water to remove all solids.

What is left is clean water, ready for the next production cycle.

The solid particles are dumped into a filter bag, where water is removed. The bag is disposed of, as solid waste.

This is how it works. You start by filling the cone shaped tank at the top with 30 gal. of water and 45 oz. of compound VF-77NC. This gravity flows into the vibratory machine. Were after circulated through the machine it drains into the small 1 gal. bucket that contains a pump; pumping the liquid back into the cone tank were after settling recirculates making a continuous flow.

After running 20 hours when using plastic media and 40 hours if using ceramic media; approximately 1 ½ cups of flocculent is added to the upper tank. Mix for 10 minutes, allow to settle, drain into filter bag which allows the clear water to go into the receiving tank and the solid particles are retained in the filter bag. The clear water is then pumped back into the upper tank allowing the filter bag to dewater and discarded as solid waste. And you are ready to start the process again.



The Filter King can be used to effectively filter and recirculate vibratory deburring machines up to 15 cubic feet. Other sizes are available.

The Filter King can treat plastic and ceramic medias, removing the sludge created as well as most oils deburring byproducts.

Supplying Metal Finishers:

- Vibratory Deburring Machines
- Burnishing Machines
- High Speed Mass Finishing
- Wide Belt Sanders
- Stroke Sanders
- Polishing Equipment