

SMALL WASTEWATER TREATMENT

Model SFU-30 Small Filtration Unit

The Model SFU-30 is an economical way of filtering waste water from vibratory finishing machines.

Filtration

The waste water from the vibrator is drained into the bottom 30 gallon tank by gravity. The submersible pump in the bottom tank pumps the waste water into the top of the conical tank on a continuous basis. The solids fall to the bottom of the conical tank. Re-circulated water is drawn off the middle of the conical tank by gravity back to the vibrator and is regulated by a valve.

Flocculation

After approximately 8-10 hours of production the waste water is treated by flocculation to remove all the solids. The filter bag traps the unwanted solids and allowed to dry. The filter bag can then be disposed in a trash receptacle and taken to land fill (check local sanitation codes).

Free Sample Processing

We provide free sample processing of customer's waste water.

Economical

The Model SFU-30 is economically priced and can be used to effectively filter and re-circulate up to a 10 cu.ft. machine capacity. Other sizes are available. We recommend using a non-chelating compound which will not emulsify oils and contaminants and will easily filter the waste water.

