

# SUBMERSIBLE CHOPPER CONDITIONING PUMP™

## Features:

- Mix up to a 12,000 gallon wet well with as little as 7.5 hp
  - **S4KC:** 5 hp used for up to 7,000 gallons
  - **S4SC:** 7.5 hp used for up to 12,000 gallons
- Portable configuration comes complete with stand for ease of installation.
- 3"-6" pumps with 5 HP - 40 HP motor and flows from 400 GPM - 1800 GPM are standard product. Larger models with higher flow rates are available.
- Conditions tank contents to prevent plugging of standard non-clog pumps and helps protect downstream equipment.
- Removes floating materials and resuspends settled solids
- Straight, angled and double nozzle configurations available.
- Vaughan's exclusive non-clog performance guarantee.
- Paint system specifically formulated to withstand severe wastewater environments.

## Materials of Construction:

### Impeller | Upper Cutter | Cutter Bar | Cutter Nut

Cast Alloy Steel, Heat Treated to Minimum Rockwell C 60

### Casing | Bearing Housing

Ductile Cast Iron

### Mechanical Seal

Cartridge Type with Silicone Carbide Seal Faces & Stainless Steel Sleeve

### Thrust Bearings

Back-to-Back Angular Contact Ball-Type

### Lubrication

ISO Grade 46 Hydraulic Oil

### Paint

Epoxy

