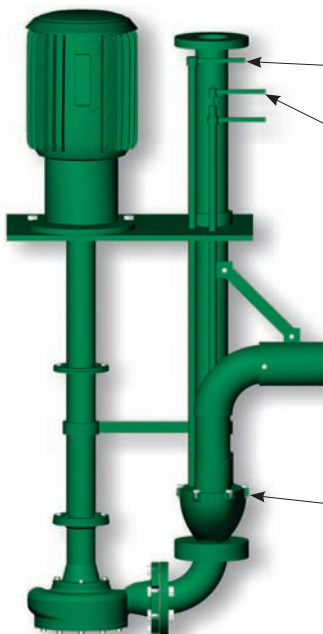


# Specialty Pumps

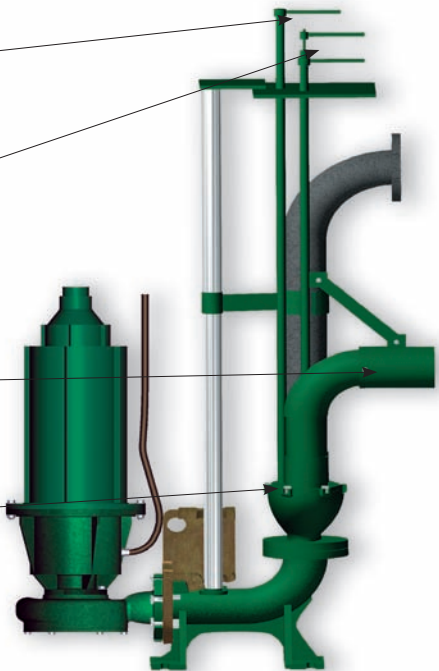
## Recirculator Chopper Pumps

- *Easy above-deck access to valve and nozzle operators*
- *Manual or fully automated operation available*
- *Recirculation feature also available with Horizontal and Self-priming configurations*

### Vertical Recirculator



### Submersible Recirculator



**VALVE OPERATOR**  
*Allows ease of valve control*

**NOZZLE OPERATOR**  
*Adjusts nozzle direction horizontally and vertically*

**MIXING NOZZLE**  
*Hydraulically mixes all solids*

**DUCTILE IRON VALVE**  
*Allows recirculation or discharge*

*Recirculation Feature also available with Horizontal and Self-priming Configurations*

## Scumbuster

The Vaughan Scumbuster® virtually eliminates the effects of a scum blanket and prevents it from reforming by homogenizing and conditioning through a recirculation nozzle.

This type of mixing allows digesters to regain their design capacity, extends the time between cleanouts and generates more methane gas.

The Vaughan Scumbuster operating with the Vaughan chopper pump on digester recirculation has proven successful not only to eliminate heat exchanger clogging, but also to replace other failed digester mixing systems.

