



Rotamix™ WITH AIR by Vaughan®

With over 450 Rotamix installations worldwide, Vaughan Company now takes mixing to the next level: hydraulic mixing with minimal aeration requirements.

Our success in providing even distribution of solids using dual-zone rotation has allowed us to further enhance this highly efficient mixing system by providing excellent oxygen dispersion with process flexibility in a homogeneously mixed tank.

FEATURES & BENEFITS

- Ability to handle higher solids concentrations
- Significant reductions in required aeration
- Proven design for both odor control and biological demands
- Diffuser quantities significantly reduced
- Ability to handle higher concentration can reduce total number of tanks required
- Process flexibility - intermittent aeration and mixing as required



This design using Rotamix with Air in 5% solids resulted in only two required digesters versus three required using standard aeration technologies. Blower capacities were reduced from 30-35 SCFM to less than 15 SCFM while maintaining 3mg/l of dissolved Oxygen.

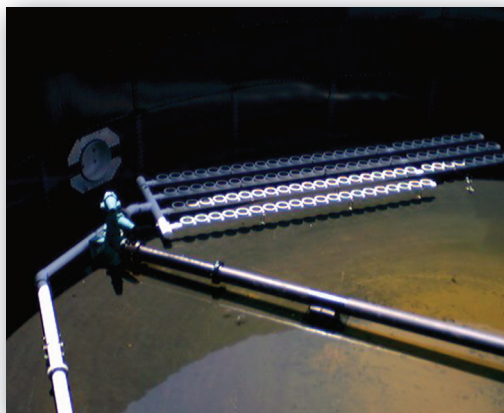
APPLICATIONS

- Aerobic Digestion
- Storm water holding tanks
- Sludge holding tanks
- Assistance in mixing existing secondary treatment to prevent deposition issues

DESIGN OPTIONS

The design options available using Rotamix with Air include:

- Disc diffusers
- Aspirating inline injectors
- Wall-mounted mechanical aerators



For more information regarding either mixing systems or chopper pumps, contact us at:
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