

GasMix

Innovative mixing system for anaerobic digesters. Unique method to combine sludge recirculation with gas injection.

Chopper pump with venturi system

Landia has over 15 years experience in aspirating venturi technology, over 30 years experience in sludge mixing and over 55 years experience in manufacturing heavy-duty chopper pumps. The GasMix system combines all the best features from these technologies into **the ultimate digester mixing system.**



Crucial advantages compared to conventional sludge mixing systems:

- Highly improved efficiency
- Unique 3-dimensional mixing pattern eliminates formation of surface scum
- No mechanical equipment inside the tank
- Easy maintenance accessible from outside the tank
- Proven performance and guaranteed clog-free operation

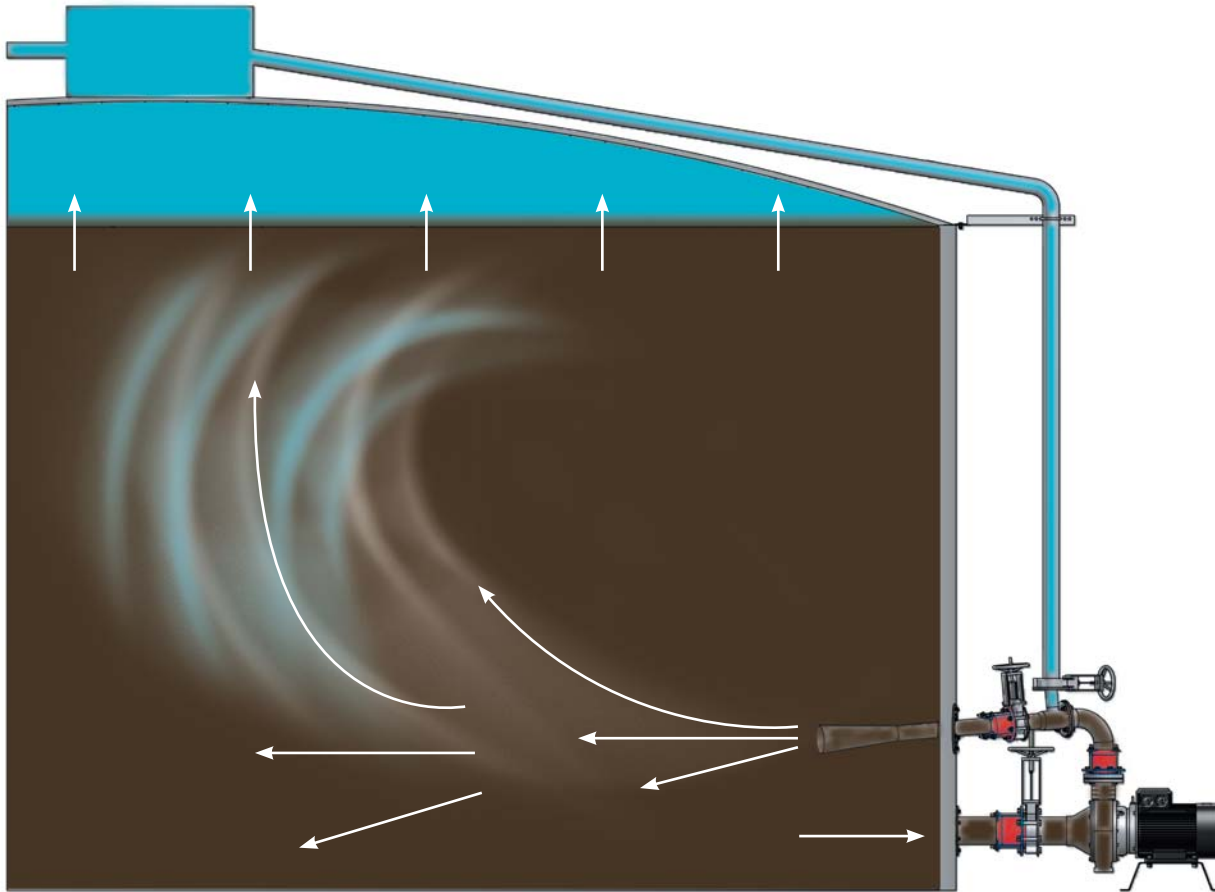


IMPROVED EFFICIENCY

SUPERIOR MIXING QUALITY

LOW LIFE CYCLE COST

Functional Drawing of GasMix



The chopper pump draws sludge from the digester and pumps it through the aspirating venturi chamber.

The biogas is aspirated from the top of the digester, mixed with the sludge and injected into the tank.

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