

Slurry Tank



Wastewater Treatment



Water Treatment



Flue Gas Treatment

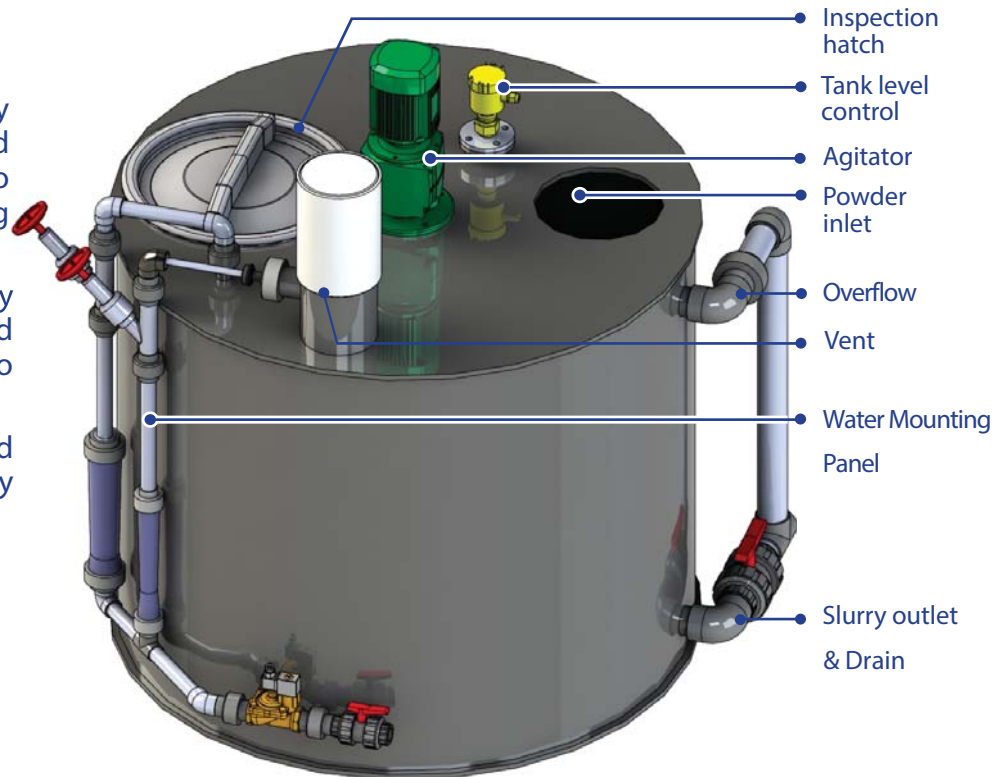
Dry to Slurry Mixing Systems:

In addition to its dry chemical discharge and feed systems, Sodimate also provides complete mixing tanks for all types of slurries.

Each slurry tank is specifically designed for our customer and the dry chemical they need to dilute and mix.

Tank volume is calculated according to basic slurry specifications:

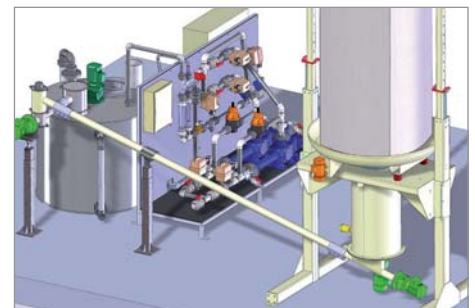
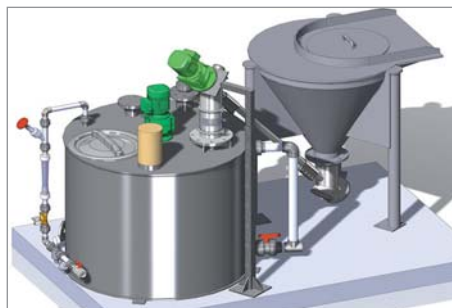
- Pump flow rate (gpm)
- Slurry concentration (%)
- Continuous or batch
- Viscosity



Advantages:

- Engineered for specific slurry requirements
- Can come skid-mounted
- Dust-free unit (fully sealed equipment)
- Designed especially for lime and activated carbon
- Low maintenance
- Self-cleaning options

Slurry Installation Examples:





Powder handling expert



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Operation :

Our tanks are especially designed for lime and activated carbon slurries with concentrations varying from 2% to 30%.

Standard fabrication material is black High-density polyethylene (HDPE). The tanks come equipped with a mixer, a water mounting panel (with solenoid valves and flowmeters), level control systems (high level, "product call" level and low level) and all connections necessary for slurry pumping and draining.

Antivortex blades are also installed inside the tank to increase turbidity and guarantee homogenous mixing.



Options:

- Vent with spray nozzle for dust removal
- Radar or ultrasonic tank level control
- Pump skid
- Special design for high concentration
- Analog flowmeter
- SS 304/316 and carbon steel fabrication available

| Standard tank sizes | Overall dimensions | |
|---------------------|--------------------|-------------|
| Total volume (gal) | Diam (in) | Height (in) |
| 130 | 30 | 40 |
| 250 | 50 | 40 |
| 500 | 60 | 40 |
| 750 | 60 | 50 |