

VANTON TANK/PUMP SYSTEM

- Standard or customized thermoplastic, thermoset or plastic lined metal tanks to be supplied with single or multiple thermoplastic pumps and designated instrumentation controls.
- Thermoplastic tank joints to be hot-gas welded to provide continuous leak proof, easy to clean seams. The design should avoid recesses or blind areas where chemicals might lodge and be difficult to flush. Elastomeric sealing between tank cover and tank provides further insurance against leakage and emissions.
- Pump casings and impellers in contact with fluids to be handled must be furnished in solid (not lined), virgin, homogenous thermoplastics selected for the indicated service conditions. Designs must assure that no metal components will be in fluid contact. The steel shaft is to be isolated from the liquid by a heavy sectioned thermoplastic sleeve.
- When packaged tank/pump systems are specified, they are to be user-ready, requiring only electrical and piping hook-up to be completely operable.
- Double wall tanks to have built in leak detection devices and sensors when required, linked to visual and audible alarms.
- Automated systems, where required, to include liquid level controls, visual and audible signal devices, analog and digital display flow meters, flow totalizers, pH controllers and other instrumentation selected for the indicated service conditions.