

We took a promising, established pump design and spent three years improving it through research, redesign and testing. As a result, the V-1000 is a pump based on proven technology that outperforms, outlasts and requires less maintenance than anything else on the market today. The “progressing cavity” design alone is far more efficient and reliable than the traditional centrifugal pumping method.

The V-1000 is the pump you'll want to trust for your next low pressure project – whether you're retrofitting an old centrifugal pump system or building an entire community.



Only One Grinder Pump is This Flexible:

- Indoor installation option
- Easy-to-use tank extensions



Retrofit Easily with the V-1000

Now you can easily upgrade a centrifugal pump system to progressing cavity technology – ask about our stainless steel pump stand specifically for retrofits. Retrofits can be shipped so they are compatible with discharge pipe hook-up requirements.



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The Next Generation Low Pressure Sewage Grinder Pump



V-1000 Progressing Cavity Grinder Pump



Check Out How Many Ways We've Found to Build a Better Grinder Pump

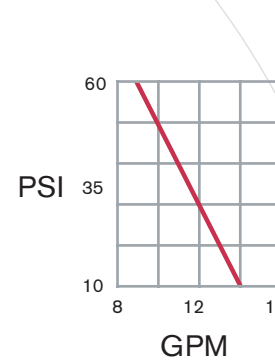
Easy to Install and Maintain

- Quick disconnect electrical service is fast, easy and error-proof
- No tank vent required – vents with house plumbing ventilation (so no clogging or odors)
- Aluminum motor mount makes a much lighter pump
- 1-1/4" or 1-1/2" discharge option



Smart Controls – Reliable and Safe

- All electrical controls outside of the pump housing and in the panel box – eliminates condensation and corrosion
- LED level control indicators in the panel box highlight on/off and alarm status
- Meets NEMA 4X standards for superior corrosion and water resistance
- Thermal magnetic breakers and motor contactor in panel for better protection
- "Touch-safe" DC voltage components
- PLC option for tracking cycles, pump run time, average gallons pumped per day and phone modem alert for high water
- All controls solid state
- Even level control is electronic – no float or pressure switch to rust out or malfunction

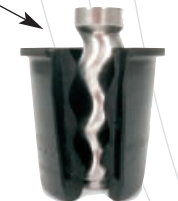


One of the Highest Pump Curves in the Market

The V-1000 produces one of the highest dynamic head out there today. Period. Why take a chance on marginal performance? The V-1000 gets the job done. It's also nice to know that every Vortex pump is thoroughly tested – and ships with its own certified pump curve document.

Rugged "Built-to-Last" Construction

- Heavy-duty, solid HDPE tank (DR-32.5PE)
- Precision-balanced components mean less wear, less maintenance.
- Efficient "progressing cavity" technology handles suspended solids without risk of over-pressurization or clogging.
- All bolts Loc-Tite protected.
- The entire unit is UL approved.
- Four hardened steel cutter teeth can process a wide range of accidental waste materials including wood, plastic and glass.
- Custom rotor and stator – designed specifically for grinding solids/wastewater use.
- Redundant seal between motor and pump housing.
- Motor is "washable" with 2 sealed bearings (no bushings)
- Stainless steel rotor, cutter wheel and hardened grinder ring.



The V-1000 is a great value – more smart pump technology for less