



ADD A CONDITIONING PUMP TO THE MIX.



The Vaughan Conditioning Pump is a Vaughan Submersible Chopper Pump mounted on a portable stand and fitted with a high-velocity mixing nozzle. The Conditioning Pump recirculates the contents of the wet well, chopping and mixing to produce a homogeneous mixture that is more easily pumped out. Floating mats are removed and solids that have accumulated on the floor are re-suspended. As the pump is mounted on a portable stand it can easily be used in multiple applications at a single job-site, facility or municipality. For added efficiency and control, an optional control panel is available to monitor the performance and allow complete system integration.

BENEFITS

Reduces Vacuum Truck Visits

- Re-suspends and eliminates floating solids on the floor for a better cleanout without a vacuum truck.

Alleviates The Strain On Existing Non-Clog Pumps

- Place the pump into the wet well to condition all rags, solids and debris to save the current pumps.

Eliminates Floating Grease And Debris Layer

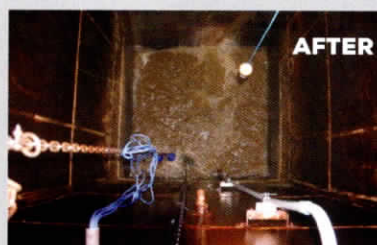
- Eliminate grease mats with the recirculating/conditioning features of the conditioning pump.

Re-Suspends Settling Solids

- The Vaughan Conditioning Pump re-suspends solids for the duty pumps to remove the solids.

APPLICATIONS

- Lift Station Conditioning
- Influent Station/Channel Conditioning
- Basin Conditioning
- Holding Tank Conditioning
- Digester Cleanout/Homogenization



For more information, contact us directly at:
888-249-CHOP | info@chopperpumps.com

ChopperPumps.com

PUMP PERFORMANCE AT YOUR FINGERTIPS

Get the most out of your Vaughan Conditioning Pump with the Conditioning Pump control panel. Monitor the performance of your pump, protect your pump from electronic overload, and receive pump readouts in one location. Ask your Vaughan representative about Conditioning Pump control panels.

- UL 508A compliant for industrial applications, assembled, tested and prepared for operation prior to shipment
- Simplex FVNR Starter Systems
- Enclosure options:
 - NEMA 4 painted steel indoor/outdoor enclosure with galvanized back-panel
 - NEMA 4X stainless steel enclosure indoor/outdoor enclosure with galvanized back panel
- Main circuit breaker, UL489 with lockable operator mechanism
- FVNR Starter(s) with electronic overload protection with thermal overload, phase loss, selectable (ON/OFF) phase unbalance, selectable (ON/OFF) ground fault and selectable auto/manual reset, settable for classes 10, 20 and 30
- Control power transformer with 460/230V primary and 120V secondary and CB protection
- Door mounted control to include:
 - VPMR Pump Monitor seal & thermal protection relay(s)
 - Hand-Off-Auto selector switch
 - Pump running pilot light
 - Fault pilot light
 - Elapsed time meter
 - Low current shutdown
 - Digital ammeter
- Panel mounted adjustable recycle timer for auto mode operation
- Level control system, 1-low level float
- Terminal, termination components for internal and field wiring interface
- Option – all sizes: dual stack light top mount (beacon assembly), green running & red flashing fault

