



Sand Shark Stirred Vortex Grit Removal

Coarse Grit Capture

Single Source Supplier for Total System Responsibility

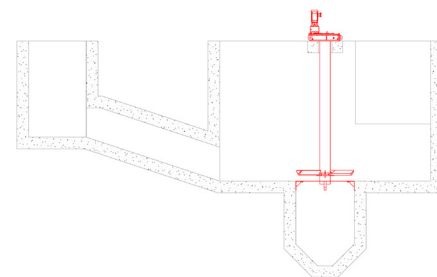
- Highly efficient removal of grit particles at variable flow rates
- Low energy and maintenance costs
- Low headloss (less than 0.25")
- Durable and rugged all-stainless steel construction standard
- Vortex-style system allows continuous operation under variable flows
- Screening and grit headworks package available
- Optional Coanda ramp inlet minimizes grit short circuiting



Sand Shark Stirred Vortex Propeller (SVP)

Grit Removal Capacity	95% of 200 micron particles (2.65 g/cc) at avg flow
Sizes	To 24' diameter concrete settling basin
Peak Daily Flow Capacity	To 70 MGD (3,066 L/s)
Peak Instantaneous Capacity	To 70 MGD (3,066 L/s)
Materials	304/316 stainless steel in concrete or stainless tank
Configurations	270 or 360 degree Inlet/Outlet / Flat Floor Design

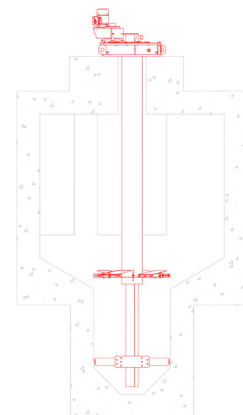
Rotating grit stirring mechanism maximizes grit capture in the storage hopper



Sand Shark Stirred Vortex Impeller (SVI)


Grit Removal Capacity	95% of 300 micron particles (2.65 g/cc) at avg flow
Sizes	To 24' diameter concrete settling basin
Peak Daily Flow Capacity	To 70 MGD (3,066 L/s)
Peak Instantaneous Capacity	To 70 MGD (3,066 L/s)
Materials	304/316 stainless steel in concrete or stainless tank
Configurations	270 or 360 degree Inlet/Outlet / Flat Floor Design

Rotating impeller maximizes grit capture in the storage hopper



To learn more visit: www.hydro-dyne.com
sales@hydro-dyne.com | +1 (813) 818-0777

Coarse Screens | Fine Screens | Screenings Handling | Grit Removal Equipment

Designed & Manufactured in the USA 
4750 118th Avenue North Clearwater, FL 33762

ISO 9001:2015 Certified

HYDRO-DYNE
ENGINEERING
Designed to Protect. Built to Perform.™