



Whitetip Shark Washing Compactors

Robust, High Performing Design to Meet Your Application Needs

- Multiple models and options to suit individual applications
- Designed to collect, dewater, condition, compact and transport screenings from any screen, launder/sludge or conveyor to any waste disposal drop point
- Weight reduction up to 80%
- Screening volume reduction up to 85%
- Organic removal up to 95%
- Dewatered screenings dry solids content up to 40% (depending on material to be dewatered)
- Screenings meet strict landfill requirements (EPA 9095 Paint Filter Test)
- All T304 or T316 stainless steel fabrication
- Heavy duty AR400 Auger for long wear life and ability to crush large objects
- Standard screw diameters: 6", 8", 10", 12", 16" and 20"


Whitetip Shark Family of Washing Compactors

The Whitetip Shark is a fierce but slow-moving shark, notable for its long, rounded fins which feature an iconic white tip. Hydro-Dyne's family of Whitetip Shark Washing Compactors thoroughly wash and compact screenings to produce the clean, compact white screening plugs they are known for by efficiently returning organics to the channel. Every compactor is custom-designed for individual applications, taking into account the type of flow and solids collected. Multiple models are available to ensure organic material is returned to the treatment plant's process and inorganic materials are separated, cleaned and dewatered in the most effective and efficient way possible. Stainless steel construction with a hardened alloy auger provides an enduring solution to exceed performance and disposal requirements.



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.™



Whitetip Shark Washing Compactor

The Whitetip Shark Washing Compactor features screenings drainage and compaction zones. Stainless steel flights and anti-rotation bars improve compaction and provide reliable equipment performance and life.

 Drainage/Washing

 Compaction



Whitetip Shark with Enhanced Dewatering

The Whitetip Shark Washing Compactor with Enhanced Dewatering features screenings drainage and rinse/compaction zones. Hardened Alloy screw and AR-400 flights greatly improve compaction and equipment reliability in harsh environments.

 Drainage/Washing

 Rinse/Dewatering

 Compaction

Whitetip Shark with Enhanced Wash/Dewatering

Up to 80% decrease in the total weight of solids output and up to 90% organic removal is achieved by this model with the addition of a washing zone and additional wash cycle. Operation includes a reversing function to the auger and timers so that the screened material is aggressively agitated during a longer wash cycle. Organic material is further broken down and washed back into the system through the drain. Rinse/Dewatering zone thoroughly rinses and compacts captured screenings.

 Drainage/Washing

 Enhanced Washing

 Rinse/Dewatering

 Compaction

Optional Equipment

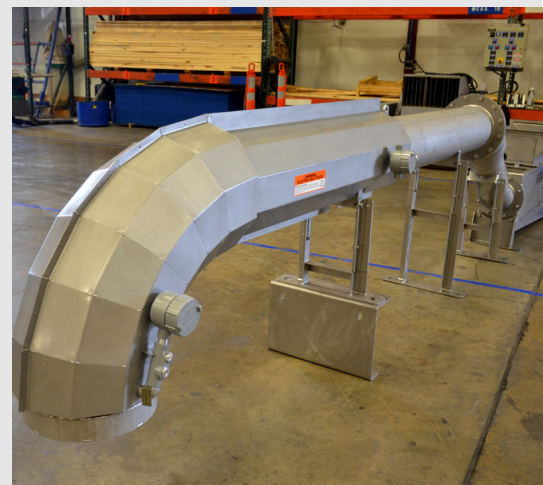
- Basic rinsing to thorough washing
- Integrated models located within screens
- External models fed via sluice or conveyor
- Trough types: perforated, slotted, wedgewire
- Shafted or shaftless flight
- Electric or hydraulic drive
- Cold weather/freeze protection

Discharge Options

- Dual Bearing: Dewatering
- Reduction Flange: Dewatering and some compaction
- Hinged Gate: Dewatering and compaction
- Press Elbow: Maximum dewater and compaction plus elevation

Screenings Collection Options

- Screenings collection bagging system
- Self-leveling bins
- Stainless steel discharge chute
- Lay flat hose or flexible pipe



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