



Whitetip Shark Washing Compactors

Effective Design Adapted to your Application

- Multiple models and options to suit individual applications
- Designed to collect, condition, dewater and compact screenings from any screen, launder/slucice or conveyor
- Screenings meet strict landfill requirements
- Returns organics and wash water to channel
- Reduces disposal weight and volume
- All T304 or T316 stainless steel fabrication
- Standard screw diameters: 6", 8", 10", 12", 16" and 20"

Whitetip Shark 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 provides an enduring solution to exceed ever increasing disposal requirements.



To learn more visit: www.hydro-dyne.com
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Coarse Screens | Fine Screens | Screenings Handling | Grit Removal Equipment

Designed and manufactured in the U.S.A. 
4750 118th Avenue North Clearwater, FL 33762

HYDRO-DYNE[®]
ENGINEERING
Designed to Protect. Built to Perform.[™]



Whitetip Shark Washing Compactor




The Whitetip Shark Washing Compactor features screenings washing, compaction and dewatering zones. Spray wash nozzles are recessed to minimize ragging and set at different angles to maximize the rinse cycle. Stainless steel anti-rotation bars improve compaction and significantly increase equipment lifespan.

-  Washing
-  Compaction
-  Dewatering








Whitetip Shark with Additional Wash Cycle

The Whitetip Shark Washing Compactor with additional wash cycle adds 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.

-  Aggressive Washing Cycle
-  Compaction
-  Dewatering

Whitetip Shark with Wash Module

An average of 80% decrease in the total weight of solids output is achieved by this model with the addition of deluge and washing module zones. The deluge zone significantly improves the separation of organic and inorganic material, and washing module and compression zones thoroughly rinse and compact captured screenings.

-  Up to 80% reduction in solids output weight
-  Deluge zone
-  Wash module zone
-  Compaction
-  Dewatering

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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