

# Raptor<sup>®</sup> Grit Washer



## Efficient Grit Washing

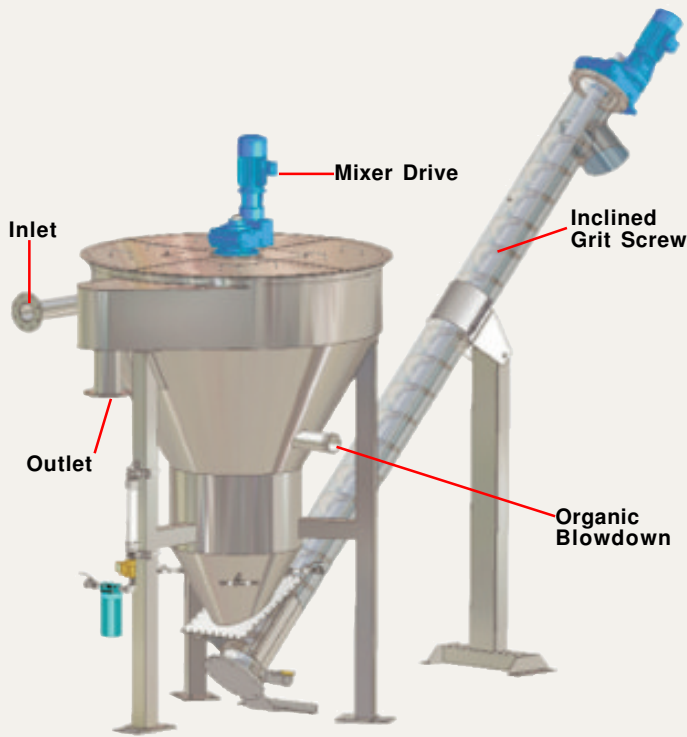
Combining a circular and conical design with natural vortex and gravity forces, the Lakeside RAPTOR<sup>®</sup> Grit Washer provides the highest quality of captured grit and highest washing efficiency over a wide range of flowrates.

When influent enters the stainless steel unit, centrifugal forces create a spiraling, horizontal motion to separate organics. The water and lightweight organics discharge over an upper weir plate while grit and heavier materials settle in the conical-shaped hopper where they are agitated gently by mixer arms and washed.

Organics released during agitation and washing are collected in a capture cone and removed through the blowdown valve. The inclined grit screw draws washed grit from the hopper and provides optimal dewatering.

Discharge is typically 90% dry weight or greater, and organics are less than 5%.





## Grit Washer Advantages

- Highest grit discharge quality
- Vortex grit and organic separation
- Gentle grit agitation and washing
- Two-stage organic separation
- Compact footprint
- Operates over a wide flow range
- Stainless steel construction

## Treatment equipment and process solutions from Lakeside

Lakeside offers a wide range of equipment and systems for virtually all stages of wastewater treatment from influent through final discharge. Each process and equipment item that we supply is manufactured with one goal in mind . . . to reliably improve the quality of our water resources in the most cost-effective way.

We've been doing just that since 1928.

### Aeration

newair® Diffuser  
CLR Process  
E.A. Aerotor  
Magna Rotors  
Rotor Covers  
Level Control Weirs

### Clarification

Spiraflo Clarifier  
Spiravac Clarifier  
Tertiary Treatment using Series  
Clarification  
Full Surface Skimming

### RAPTOR® Screening Products

Fine Screen  
Micro Strainer  
Rotating Drum Screen  
Wash Press  
Septage Acceptance Plant

### Grit Collection

SpiraGrit  
Aeroductor  
RAPTOR® Grit Washer  
Inline Grit Collector  
Model L Grit Classifier

### Submersible Products

Mixers  
Propeller Pumps  
Grinder Pumps

### Trickling Filters

### Trash & Screen Rakes

### Other Screening Products

Water Intake Screens  
CSO Screens

### Screw Pumps

Open Screw Pumps  
Enclosed Screw Pumps

### Packaged Headworks Systems

RAPTOR® Complete Plant  
H-PAC



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