



FEATURING



Intense Hydro-Flushing



High Air Infusion



Thorough Grit Agitation

## PISTA® TURBO™ Grit Washer Provides Superior Grit Quality

The **PISTA® TURBO™** Grit Washer uses **TRI-CLEANSE TECHNOLOGY™** to produce clean grit while minimizing the odor caused by putrescible organics and the costs associated with growing landfill restrictions. Smith & Loveless' **PISTA® TURBO™** Grit Washer featuring **TRI-CLEANSE TECHNOLOGY™** boasts a sleek, compact design with a similar footprint to S&L's **PISTA®** Grit Screw Conveyor.

The **PISTA® TURBO™** Grit Washer uses an inlet hopper to receive the mixture of water and grit from the second stage **PISTA®** Grit Concentrator, and is equipped with an energy dissipation zone to prevent turbulence in the remaining portion of the hopper.

Parallel plates located in the settling zone of the hopper improve the retention of fine grit.

The custom-engineered and patented screw has the unique mixer fluidizing vanes in the washer hopper and a continuous shaft design off the flight segment.

A dedicated PLC controller provides the necessary control functions to properly operate the **PISTA® TURBO™** Grit Washer through its various cycles and to control the operation of the air infusion, grit wash water and spray water.

### Features

- Superior Organics Removal
- Excellent Fine Grit Retention
- Stainless Steel Construction
- Triple Washing Action
- Passes Paint Filter Test
- Sleek, Compact Design
- Large Capacity
- Made in America

### Why a PISTA® TURBO™ Grit Washer?

- Increasing Landfill Restrictions and Disposal Costs
- Growing Concerns About Odor and Disease- Carrying Insects
- Opportunity to Reuse/Sell Cleaned Grit for Road Bedding
- Planning for Stricter Environmental Regulations in United States

## PISTA® TURBO™ Grit Washer with Triple-Action Washing



FEATURING  **Tri-Cleanse Technology™**

- ① *Intense Flushing with Water Aids in Organic Separation*
- ② *High Air Infusion Aids in Organic Separation*
- ③ *Custom-Engineered and Patented Screw to Further Clean the Grit Through Additional Agitation.*

*Get the most from your grit removal system with Smith & Loveless' newest addition to the PISTA® Grit Removal System family*

### PISTA® TURBO™ Grit Washer Performance Details

- Grit retention of 95% down to 140 mesh (105 microns) particle size
- Less than or equal to 5% putrescible organic material in washed grit
- Less than 10% water content in washed grit
- Passes paint filter test

Model	Grit Slurry Feed Rate	Maximum Capacity
Model 250	250 GPM / 16 LPS	41 ft <sup>3</sup> /hr (1.75 tons/hr) / 1.2 m <sup>3</sup> /hr (1.6 metric tons/hr)
Model 500	500 GPM / 32 LPS	172 ft <sup>3</sup> /hr (7.33 tons/hr) / 4.9 m <sup>3</sup> /hr (6.6 metric tons/hr)

### Advantages

- Drier, cleaner grit with less putrescible organic material
- Less odor
- Parallel plates aid in fine particle retention
- Choice of materials: 304 Stainless, 316 Stainless or Painted Carbon Steel
- System includes only one motor and drive to maintain
- Designed and manufactured in America

**PISTA TURBO™**  
Grit Washer