

PISTA® Grit Screw Conveyor Models 15 & 17



The **PISTA®** Grit Screw Conveyor is designed to work in concert with the complete **PISTA®** Grit Removal System, providing superb dewatering & retention of fine grit without the burden of heavy maintenance. The dewatered grit discharges into a container for disposal while the flow and residual organics are returned to the inlet channel prior to the grit chamber, typically 93% of the flow and 95% of the

PISTA® Grit Screw Conveyor

System Benefit: Lamella plate design aids in retention of fine grit while reducing turbulence and overflow.

Sizing: Models 15 & 17

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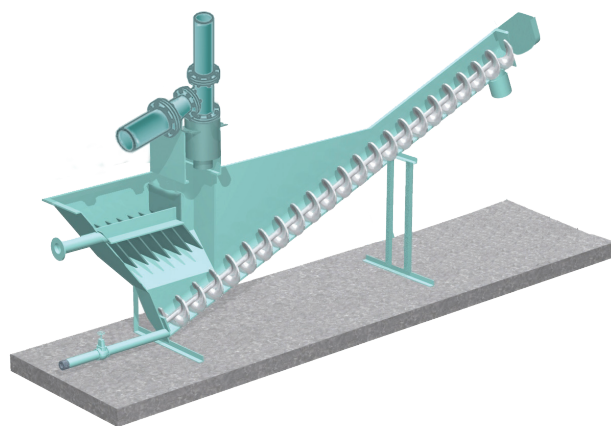
Key Points

Unique Design Elements Retain Ultra-Fine Grit

The **PISTA®** Grit Screw Conveyor's separate inlet zone, large Lamella parallel plate section that acts as a high-rate settling device, and double-sided weir trough work in concert to capture silt and ultra fine grit. The inlet zone facilitates energy dissipation in order to reduce turbulence. This allows easier settling in the plate section while the larger weir trough lowers the carry-over rate.

Ideal Upgrade for Screens

Screens are typically maintenance-intensive because of their messy operation. Additionally, they can allow ultra-fine grit to be returned to the flow stream. The **PISTA®** Grit Screw Conveyor greatly reduces maintenance concerns (and mess) while producing dryer grit.



The **PISTA®** Grit Screw Conveyor effectively washes and dewateres grit for disposal with hassle-free operation. Lamella parallel plates facilitate high rate settling.

