

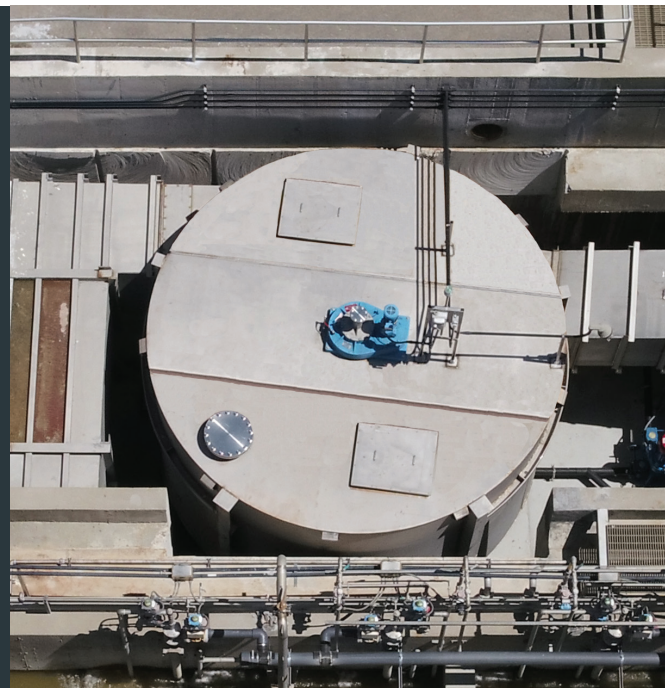
PISTA[®] 360[™]

WITH V-FORCE BAFFLE[™]

GRIT HAPPENS

Upgrade Your System's Performance to 95% Grit Removal Efficiency Down to 105 Microns

Upgrade your PISTA[®] 360[™] GRIT CHAMBER[™] with the V-FORCE BAFFLE[™], which is an integral flow control baffle for both the inlet and outlet of the main chamber. The V-FORCE BAFFLE[™] is designed to direct the inlet flow into the chamber in a manner ensuring the proper vortex flow and prevents short-circuiting, allowing for a full 360-degree rotation through the inlet and outlet, providing maximum grit removal. The V-FORCE BAFFLE[™] on the outlet directs the flow out of the unit and acts as a "slice weir" to control the water level in the main chamber and in the inlet channel. No additional downstream flow control device is required to keep the velocity between 3.5 ft/second (1.1 m/second) at peak flow and 1.6 ft/second (0.5 m/second) at minimum flow with a 10:1 turn down.

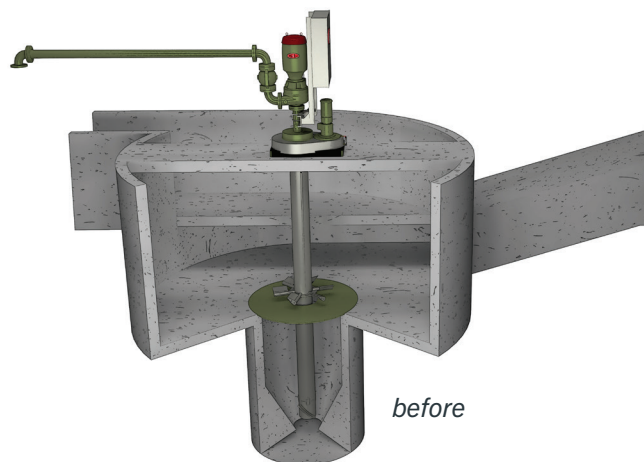


GRIT REMOVAL EFFICIENCY

CONFIGURATION	300 MICRON	210 MICRON	150 MICRON	105 MICRON
PISTA [®] 360 [™]	95%	85%	65%	N/A
Existing PISTA [®] 360 [™] Units with V-FORCE BAFFLE SYSTEM [™]	95%			

PISTA® 360™

A CLASSIC PISTA® DESIGN



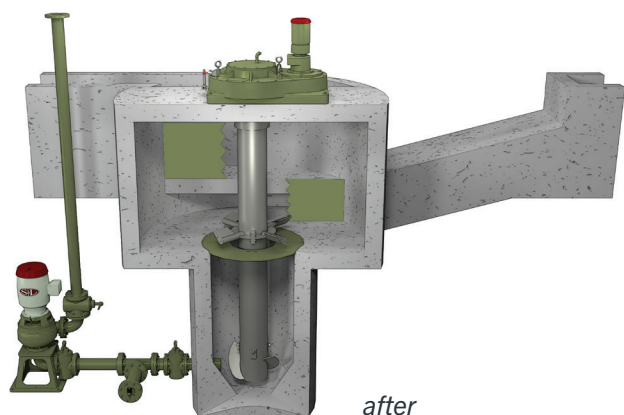
Try out another one of our budget-friendly options, the **PISTA® 360™**! Single units can handle up to 100 MGD with the 360-degree inline design.

Similar to our **PISTA® 270™** design, benefits include:

- Low-Energy Axial-Flow Propeller
- Flat Chamber Floor
- Engineered Forced Vortex for Grit Removal
- Non-Reliant on Gravity for Grit Removal
- Capability to Handle Municipal to Industrial Applications
- Above Grade, Semi-Recessed or Below Ground Options
- Concrete, Carbon Steel or Stainless Steel-Tankage

UPGRADE TO 95% with the **PISTA® 360™ with V-FORCE BAFFLE™**

Designed specifically for applications with high removal requirements, the **PISTA® 360™ V-FORCE BAFFLE™** has a 360-degree layout for 105 micron particle removal. Efficiently performing at a 95% effectiveness level, the system can handle a max capacity of 100 MGD.



With the addition of the baffle to enhance the original **PISTA® 360™**, you will achieve:

- Optimized Performance During Periods of Low Flow
- Increased Grit-Capturing Technology
- Design Flexibility for Controllable Water Elevations
- Adjustable for All Flow Conditions

Your existing **PISTA® 360™** can be retrofitted to have the **V-FORCE BAFFLE™** when you contact our Retrofit Department at retrofit@smithandloveless.com