



Smith & Loveless Inc.

Protecting Water. Protecting People.™

PISTA

GRIT REMOVAL SYSTEM

Innovation Timeline





Advancing the Science of Grit Removal for More than 50 Years



1973:
Original PISTA® 270™
Grit Removal System Introduced



1982:
PISTA® TURBO™
Grit Pump Debuts



2004:
PISTA® 360™ with
V-FORCE BAFFLE™ Introduced

95%
GRIT REMOVAL
ACHIEVED w/ S&L GRIT
REMOVAL TECHNOLOGIES

2008: WEFTEC White Paper,
“Grit Removal System Evaluation”

2009:
PISTA® TURBO™
Grit Washer™ Debuts



2014:
**OPTIFLOW 270® Retrofit
Baffle System Introduced**



2014:
QUICKSMART™ System
Controls Introduced

**2019: Ni-Hard Two-Piece PISTA®
Grit Concentrator Introduced**

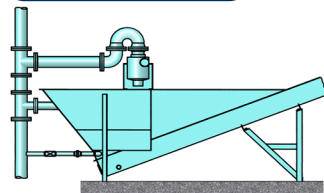
2018: S&L Publishes PISTA® Grit Removal Sizing Equation

2013: S&L Grit Removal Research Center Opens

2009: SONIC START® STREAMLINE™
for PISTA® TURBO™ Grit Pump Debuts

1970 1975 1980 1985 1990 1995 2000 2005 2010 2015 2020

1974: PISTA® Grit Screw Conveyor Introduced

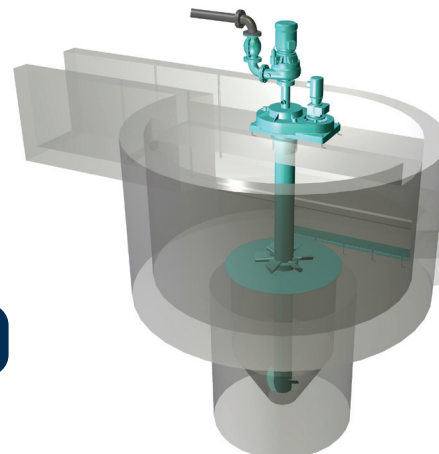


1977: First S&L Certified Field Grit Test Performed

PISTA® 360™ Model A Grit Removal System



1982: Fabricated Steel PISTA® Grit Concentrator Introduced



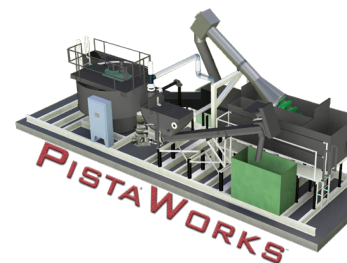
1988:
Original PISTA® 360™
Grit Removal System Introduced



1992: PISTA® Grit
Fluidizer Introduced

**1990: Ni-Hard One-Piece PISTA®
Grit Concentrator Introduced**

2005: PISTA® Grit Debris Deflector Introduced



2010:
PISTA® WORKS™ Packaged
Headworks Introduced

2010:
**PISTA® DURALYTE™ Grit
Concentrator Introduced**

2010: WEFTEC White Paper, "Grit Characterization and the Impact on Grit Removal System Design"

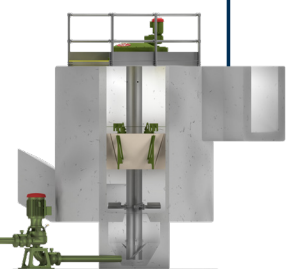
2011:
PISTA® PRO-PAK™ Insulated
Grit Removal System Debuts



2015:
PISTA® VIO™
Introduced



2022:
PISTA® INVORSOR™
Introduced



Advancing the Science of Grit Removal Through Comprehensive R&D



Smith & Loveless knows grit removal and headworks. Our experience flows from more than four decades of thorough R&D and 3000+ PISTA® installations throughout North America and the world. Along the way, we've continued to enhance the complete system with innovations that deliver unparalleled results. With the PISTA® Grit Removal System you receive the finest in system performance backed by the value-added experience and support of Smith & Loveless.



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