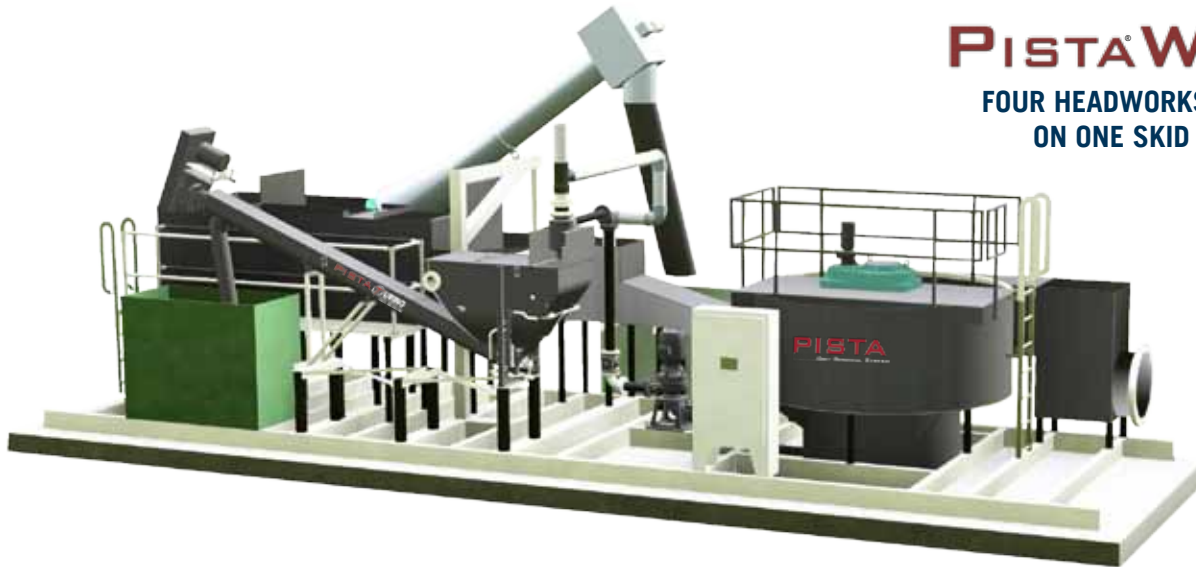




Smith & Loveless Inc.
Above All Others.

PISTA®WORKS™ Package



PISTA®WORKS™

FOUR HEADWORKS PROCESSES
ON ONE SKID PACKAGE

PISTA®Works™ Complete Screening and Grit Removal All-in-One Package

Features

- Skid mounted headworks package
- Complete system design and compact footprint
- Pre-assembled and shipped, virtually eliminating construction costs. (Excluding OBEX™ Spiral Fine Screen and PISTA® Grit Concentrator Overflow Piping, which are installed in the field)
- All equipment components constructed of stainless steel for years of dependable service
- Utilizing multiple patented technologies including PISTA® 360™ with V-FORCE BAFFLE™ and PISTA® TURBO™ Grit Washer
- PISTA® TURBO™ Grit Pump
- Designed to minimize maintenance costs and maximize the service life

Package Components

The complete system provided by Smith & Loveless includes:

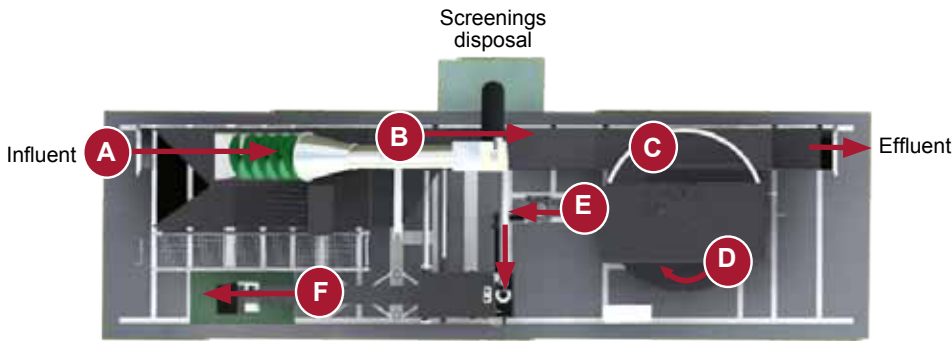
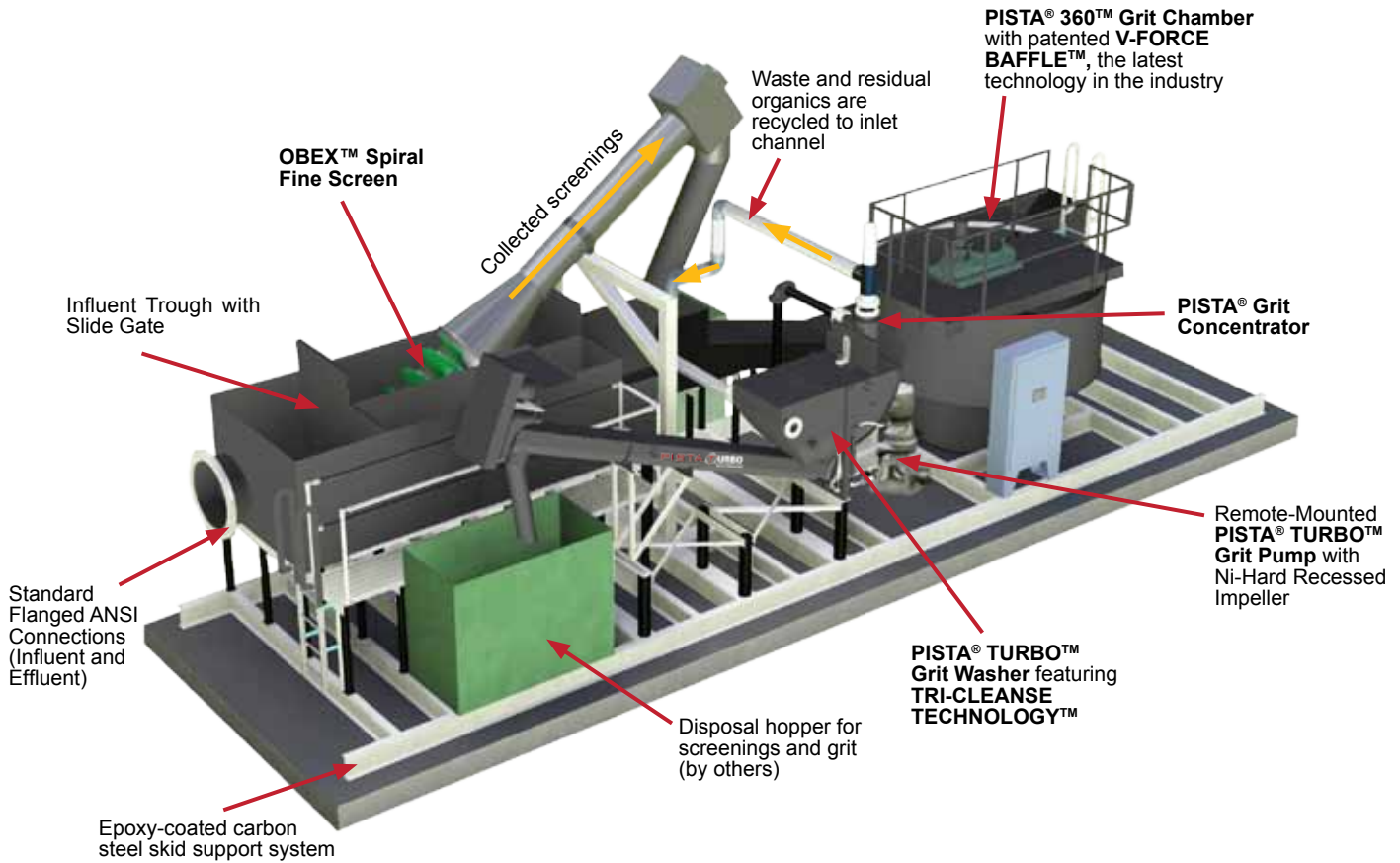
- ANSI flanged connections
- Influent trough with slide gate
- 6 mm OBEX™ Spiral Fine Screen
- Manual Bypass Bar Screen
- PISTA® 360™ Grit Chamber with patented V-FORCE BAFFLE™
- PISTA® TURBO™ Grit Pump
- Two platforms for easy equipment access
- Ni-Hard PISTA® Grit Concentrator

PISTA®Works™ Sizing Data

Model	Peak System Flow Capacity
0.5B	(0.5 MGD) 1,890 CMD
1.0B	(1.0 MGD) 3,785 CMD
2.5B	(2.5 MGD) 9,460 CMD
4.0B	(4.0 MGD) 15,140 CMD
7.0B	(7.0 MGD) 26,500 CMD

- PISTA® TURBO™ Grit Washer featuring TRI-CLEANSE TECHNOLOGY™
- Integrated disposal hopper for screenings and grit
- PLC-based control system with touch screen, color HMI interface and NEMA 4X panel to operate the entire system
- Epoxy-Coated carbon steel skid supports the complete system & is filled with grout

System Diagram



PISTA®Works™ Flow Scheme

- A** Influent connection to **OBEX™ Spiral Fine Screens**
- B** To **PISTA®** influent channel
- C** To **PISTA® 360™ Grit Chamber** with patented **V-FORCE BAFFLE™**
- D** Grit is separated from wastewater and collected in lower hopper
- E** **PISTA® TURBO™ Grit Pump** moves the grit to the **PISTA® Grit Concentrator** and **PISTA® TURBO™ Grit Washer** for washing and dewatering
- F** Final grit disposal

Represented By: