



Smith & Loveless Inc.
Above All Others.

PISTA® TURBO™ Grit Pump



PISTA® TURBO™ Grit Pump for Maximum Grit Pumping Efficiency

The **PISTA® TURBO™** Grit Pump's heavy-duty design provides maximum grit pumping efficiency for Smith & Loveless **PISTA®** Grit Chamber grit hoppers. Designed specially for pumping grit slurry, the **PISTA® TURBO™** Grit Pump comes equipped with a Ni-Hard volute and recessed impeller (located separately from the abrasive flow path) as well as the famous staples of S&L pump design: an oversized, stainless steel shaft and oversized bearings. This powerful combination yields reliable grit pumping and the velocity required for effective grit washing and dewatering devices, day-in and day-out for numerous years.

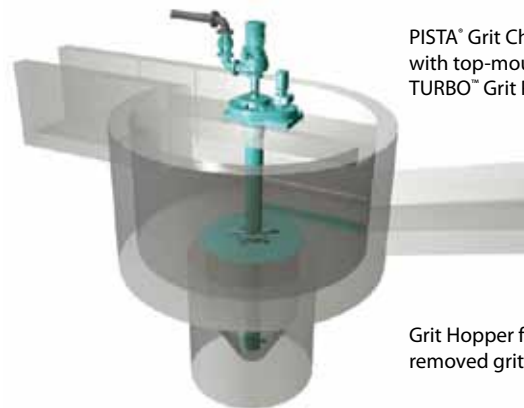
Benefits

Flexible Application

PISTA® TURBO™ Grit Pumps can be top-mounted vacuum-primed (with **SONIC START® STREAMLINE™** prime sensing) or remote-mounted flooded suction (photo at right). Top-mounted units eliminate expensive piping while lowering the head and horsepower requirements — and thereby lowering operational costs.



Remote-mounted flooded suction arrangement



PISTA® Grit Chamber with top-mounted PISTA® TURBO™ Grit Pump

Grit Hopper from which removed grit is pumped

Ideal Upgrade for Airlifts

Older systems may employ airlifts, which are less efficient and require blowers to remove collected grit. The **PISTA® TURBO™** Grit Pump delivers more flow at a higher head, including at higher elevations.

How it Works

As the hopper fills, the pump is triggered, eliminating continuous pumping.

PISTA® TURBO™ Grit Pump Data

Capacity:	Up to 500 GPM (31.5 lps)
Sizing:	4" and 6" (100 - 150 mm)
Type:	Top-Mounted Vacuum Prime or Remote-Mounted Flooded Suction
Materials:	Ni-Hard Impeller & Volute

Top-Mounted PISTA® TURBO™ Grit Pump 3-D Cutaway

Oversized thrust bearing
(locked for no end play)

Oversized stainless
steel shaft

Heat dissipating bronze
mechanical shaft seal

Recessed Ni-Hard
Impeller

Vertical construction of
pump makes removal of
motor and impeller easy

