

EnviroPump and Seal VIT-500 Series “Super-ANSI” Process Pump

Whatever your needs in pumps and seals, if you are looking for long life, reduced maintenance, low life cycle cost,



increased MTBF, better parts interchangeability, and reduced inventory to support your pumps and seals, we can help.

Our heavy duty pump design goes above and beyond existing ANSI designs.

Fill out our: ([New Pump Form](#))

Features:

- Centerline mount casing assures coupling alignment through wide range of temperatures
- Oversized high capacity bearing system for high L₁₀ rating
- Large diameter shaft for exceptional stability & vibration resistance under all operating conditions
- Shaft material is 316 ss for temperature stability and corrosion resistance
- MTBF of two to three times that of conventional designs
- Duplex thrust bearing located close to the impeller. Lowest L³/D⁴ ratio when compared with other designs.
- Self-contained oil mist lubrication system keeps bearings cool
- Non-metallic labyrinth oil seals
- Rugged Ductile Iron bearing frame with cast-in cooling fins
- Mechanical seals with “double-balanced” O-ring design, available in Single, Double, and Triplex configurations
- C-frame adapter option assures alignment of coupling

Special designs:

- Hot Oil-high temperature heat transfer fluid
- Hot cooking oil
- Hot Water
- Slurry
- Sanitary 3A

Industries Served

- Chemical & Petrochemical
- Refining
- Pulp & Paper
- Wood Products
- Food & Beverage
- Automotive
- Mining
- Metals Processing

Range of sizes:

Casing sizes from 1x1.5x6 through 4x6x10

Power up to 75 HP (55 kW)

Made in USA

