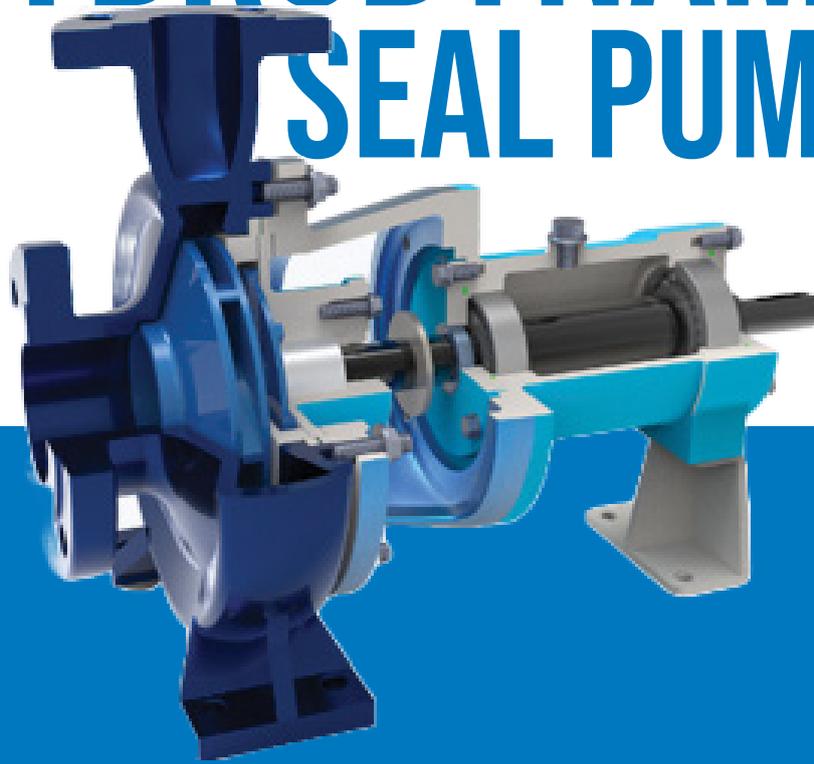




Process Pumps (I) Pvt. Ltd.

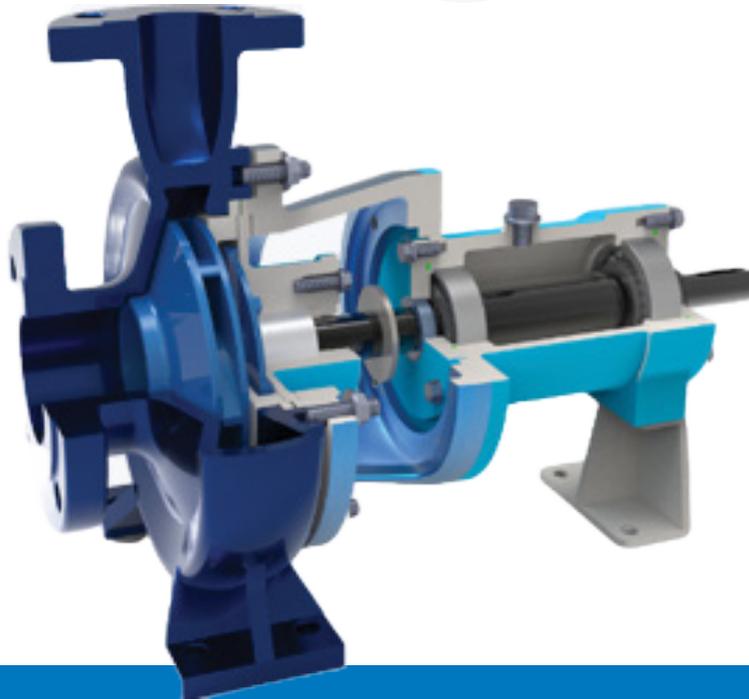
HYDRODYNAMIC SEAL PUMPS



Metallic & Non Metallic

GLAND FREE HORIZONTAL PUMP

PRINCIPLE OF OPERATION



We have a specialized pump called the Horizontal Hydrodynamic Seal Pump, designed to eliminate leaks during operation. It's a great choice for handling clear liquids and lean slurries, even in unpredictable conditions.

Why choose this pump?

- No leaks during operation.
- Handles clear liquids and slurries.
- Suitable for inorganic solutions (like acids, alkalies, and salts).
- Resistant to damage from running dry.
- Works under various suction conditions.
- Low downtime and operating costs.
- No worries about mechanical seal issues.
- Effective with a suction head of less than 3m.
- We offer this pump in both metallic and non-metallic materials. For non-metallic pumps, only the expeller needs to be metallic, chosen based on the liquid being handled.

METALLIC SERIES



Technical Specifications

- Head of upto 50m.
- Capacity 1.5 to 400 m³ /hr.
- Offered in closed or semi open impeller to suit the application.

NON-METALLIC SERIES



Technical Specifications

- Head of upto 45m.
- Capacity 1.5 to 200m³ /hr
- Offered in Semi Open impeller only

Material of Construction

The material of construction of a pump plays a crucial role in the operation and durability of the pump. Based on the liquid handled, its nature, temperature and pressure of operation, the material of construction of the pump is to be selected with suitable corrosion allowance. Specialized in offering corrosion resistant pump, we offer the pump in a wide range of metallic and nonmetallic materials to suit the application

Metallic Material

Casted Pumps

Stainless Steel conforming to various ASTM specifications such as CF8, CF8M, CF3, CF3M and many more.

Duplex and Super Duplex Steel which include CD4MCu, CD6Mn, CD3Mn, Inconel & Alloy 20 and many more.

Non Metallic Materials

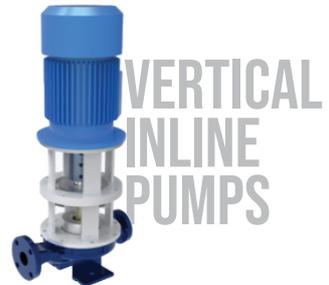
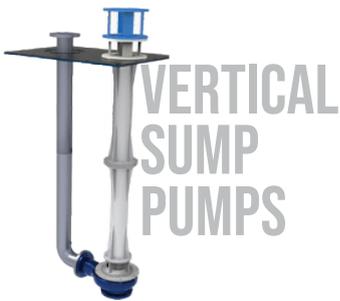
Fully Moulded

Ultra High Molecular Weight Poly Ethylene (UHMWPE)

Lined Pumps

Poly Vinyl Di Fluoride (PVDF), Fluorinated Ethylene Propylene (FEP), Per Fluoro Alkoxy Alkanes (PFA)

OTHER PRODUCTS



[Click to connect](#)

Pumping solutions redefined



Location