

We offer vertical turbine pumps that are needed for suctioning liquids from a distance. These are manufactured in such a manner that they can easily take huge load and stress. These vertical turbine pumps are non reactive, non corrosive and resistant to rust and abrasion which make them ideal for a number of purposes.

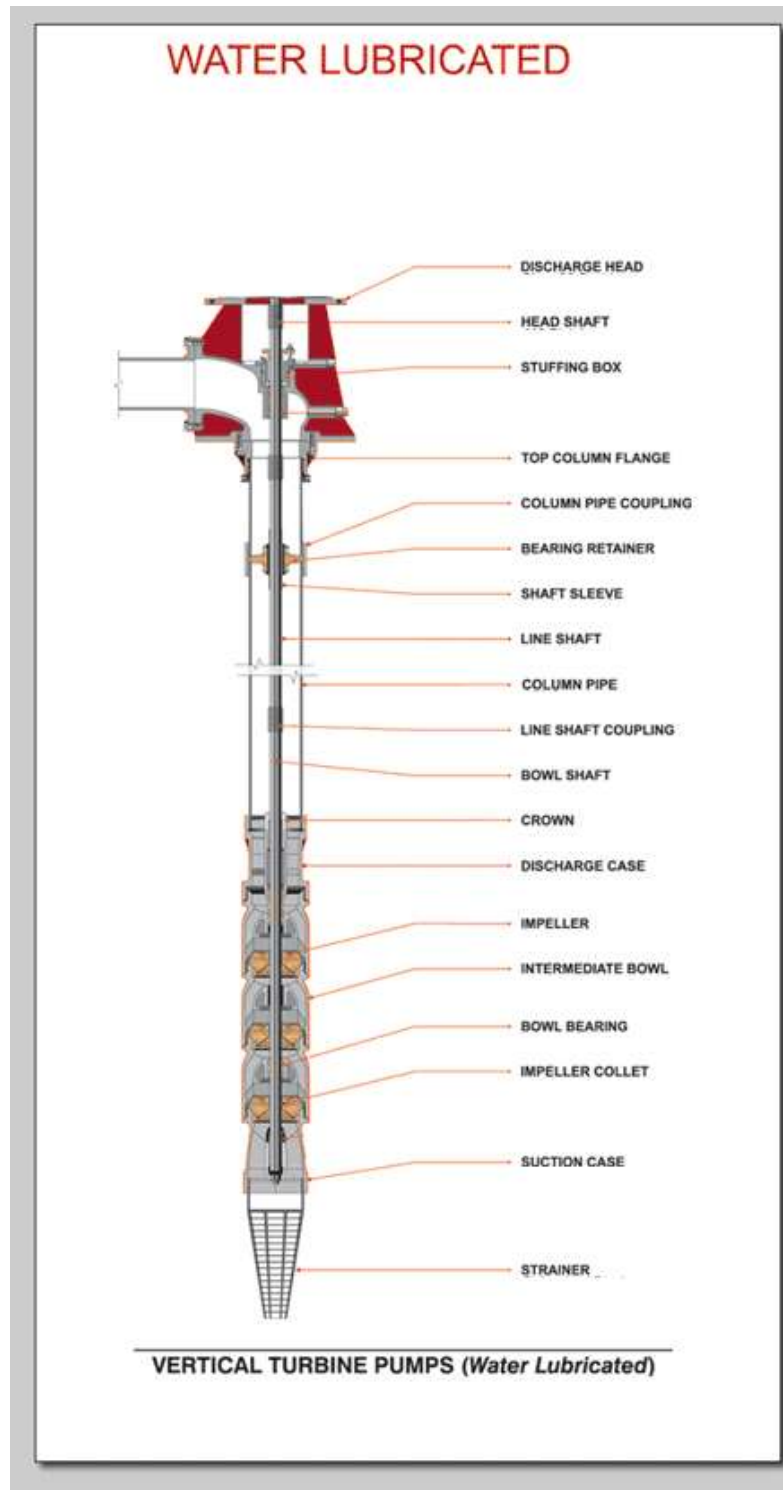
Through Precise dimensions & controlled quality, our bowl and impeller combinations achieve highest possible efficiencies. With multi staging, any desired pressure can be achieved with optimum performance.

Application:

Vertical turbine pumps are of rugged, heavy-duty construction designed to successfully operate in a multitude of applications such:

- Water supply
- Irrigation
- Dewatering
- Recirculation
- Fire Protection

Sumo International Pvt. Ltd.



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Selecting vertical turbine pump depends on:

- Capacity
- Total head
- Speed of operation (full load driver rpm).
- Surface or underground discharge.
- Water analysis, if other than clear water.
- Diesel engine / Gear drive details.

Key components designed into the Vertical Turbine pumps include:

- Pump Drive - Available with vertical solid shaft, diesel engine driven.
- Lubrication – Water lubricated line shaft.
- Discharge Heads - Cast for aboveground discharge.
- Pump Bowls - Depending on pumping requirements.
- Impellers - All are precision-designed, engineered and finished to provide the highest efficiency. Impellers are made of cast iron & accurately machined, balanced for long life and top performance.

Benefits:

- Superior performance and reduced rotor vibration.
- Superior mechanical design and high natural frequencies.
- Bearing housing assembly can be stocked quickly and easily replaced, when needed, in the field. Bearings can be replaced without costly and time-consuming tear-down of the entire pumping unit.
- Axial adjustment of impeller by an easy accessible nut
- Allows easy and fast removal.
- Requires minimum floor space.
- Faster start-up.
- Majority of maintenance done in a clean, above grade environment.

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Description:

Main Applications:	Water Supply, Irrigation.
Sizes:	3", 3 1/2", 4 1/2".
Drive:	Belt Driven.
Operating Data:	Available in various Head and Discharge Range.
Temperature:	Standard 60 °C.
Materials:	Cast Iron, SS.
Bearing Options:	Antifriction Bearings.
Lubrication:	Water Lubricated.
Sealing:	Packed Gland.

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