VERTICAL TURBINE







— SERVING California Nevada Wyoming Idaho ♦ Utah

Leaders In Slurry & Bulk Material Handling, Process Instrument & Controls

HIGH EFFICIENCY VERTICAL TURBINE

Engineered to meet your needs.

Flows: 50 gpm - 15,000 gpm

Total Dynamic Head: 0 - 1,800 feet

Settings: Shallow sumps to 1,400 feet
Inline and horizontal boosters

Hydroflo offers all 304SS, 316SS and duplex construction for corrosive applications.

Also offered are ductile iron, long lateral, double bolted pumps for deep set installations.

High Profile Discharge Head -

- Standard Ductile Iron Construction
- Air release ports at top of discharge flange
- Machined for multiple size motor bases
- Optional Stainless Steel packing box available

*Pump Drive Vertical hollowshaft or Solid Shaft Motor Top adjustment for

- Top adjustment for impeller adjustment
 - Top Thrust bearing oil lubricated
- WP-I Weather Proof or TEFC enclosure available

Right Angle Gear Drive

- Air or water cooled available
- Different ratios for specific speeds
- Reverse Rotation for Tractor Drive

The first with these features:

- Standard Stainless Steel Investment Cast Impellers
- Standard Ductile Iron Discharge Heads
- Standard Hydroflo Flow Engineered
 Polymer bearings
- Standard all Stainless Steel bolting and collets

Zero Lead Pumps®

*Column Assembly

- Standard Flow Engineered Polymer FEP Rubber Bearings
- Threaded or Flanged Steel Column Pipe
- Stainless Steel Bearing Retainers

*Vertical Turbine Bowl Assembly

Standard enclosed or semi open Investment Cast Stainless Steel impellers with Stainless Steel collets

Cast Iron diffuser bowls
Epoxy Lined 8"- 21"

Ductile Iron diffuser bowls
Epoxy Lined 5"- 7"

Standard Stainless Steel Bolting

Standard Flow Engineered Polymer FEP bearings or Bronze bearings

Standard 416SS PSQ Bowl Shaft

Stainless Steel Basket or Cone Strainer