



## Vertical lineshaft turbines

*are ideal for commercial, municipal or industrial settings where water supply is readily available in rivers, lakes, ponds, streams or water wells.*

*Plus, they come in a variety of configurations, including mixed or axial flow.*

## APPLICATIONS

- Agriculture & Irrigation
- Water & Wastewater
- Power Generation
- Mining
- Dewatering
- Industrial
- Pulp & Paper

## FEATURES

### Impeller

- Constructed from investment-cast 304 stainless steel
- Choice of semi-open or enclosed impellers with broad operating range
- Dynamically balanced to ISO standards

### Bowl

- Constructed from ASTM A48 high tensile cast iron (bowls greater than 15"); bowls less than 15" are standard vitreous enamel, glass lined cast iron
- Corrosion-resistant heavy walls are designed for long service life
- O-ring bowl connection standard through 16" diameter
- Bronze standard bearings

### Lineshaft (Column)

- Outfitted with 416 stainless steel threaded or flanged couplings
- Product or oil-lubricated couplings

### Discharge Head

- Standard cast iron available up to 16"
- Fabricated heads configurable to any application

### Additional

- Compatible with a variety of motor types and drives
- NSF/ANSI 61 Certified
- Various options in sizing, design, and material constructions can be specified to meet application needs

## SPECIFICATIONS

- Size Range: 5" (125 mm) – 42" (1100 mm) Bowls
- Discharge Size: 4", 6", 8", 10", 12", 14" and 16" FNPT
- Capacity: Flows up to 35,000 GPM
- Dynamic Head: up to 2,500+ feet (762+ m)
- Oper. Temp.: up to 400 °F (204 °C)
- Speed Ranges: 450 RPM to 3,600 RPM
- Power: up to 2,000 hp