

# Vortex Cutting Submersible Sewage Pump

This vortex cutting submersible sewage pump is engineered for efficient wastewater management. Its robust construction and vortex impeller design effectively handle solids and fibrous materials, preventing clogging and ensuring consistent operation.



## ADDITIONAL IMAGES



## Product Overview



Product display demonstrating the WQ-QG series vortex cutting technology.

## Submersible Sewage Pump System

The Vortex Cutting Submersible Sewage Pump is a high-performance solution engineered for effective wastewater management and industrial drainage. Designed with a robust cast iron casing and a specialized cutting mechanism, this pump excels at processing solids and fibrous materials, preventing clogs in demanding environments. With high-efficiency motor technology and corrosion-resistant components, it ensures long-lasting, reliable operation in sewers, tunnels, and underground facilities.

## Technical Specifications

### Protection Class

IP68 • Class F

### Key Materials

- Cast Iron HT250 (Case)
- Stainless Steel AISI 304 or Brass (Impeller)
- Stainless Steel AISI 304 or Galvanized Iron (Shaft)

### Motor Type

YE3 High Efficient

### Impeller Hardness

48 HR

## Operating Limits

### Operating Metrics

**40 °C**

Max Liquid Temp

**10 m**

Max Immersion Depth

### Solids Passage Range

25mm to 65mm

### Capacity Range

80-5000 US GPM