

# Vertical Hydro Turbine Generator Set

These custom-designed vertical hydro turbine generator sets are tailored for hydropower plants. The turbines are engineered to meet specific site requirements and operational parameters, ensuring efficient and reliable power generation.



## ADDITIONAL IMAGES



## Product Overview

### Custom Vertical Hydro Turbine Solutions

These vertical hydro turbine generator sets are custom-engineered to meet specific site requirements and operational parameters for hydropower plants. Designed for efficiency and reliability, they are suitable for a wide range of head and flow conditions. The solution provides robust performance and long-term durability for professional power generation projects.

## System Scope

### Package Solution Scope

- Project site investigation and feasibility studies
- Engineering designs
- Water intake equipment (trash defenders, hoists, and gates)
- Penstock and main powerhouse equipment
- Primary and secondary electrical equipment
- Substation and transmission line infrastructure
- Distribution station components

## Technical Features

### Application

Hydropower Plants • Power Generation • E&M Turnkey Projects

### Orientation

Vertical

### Service Range

Design, Manufacturing, Installation, Maintenance

## Global Experience

### International Project Presence

These hydro turbine systems have been successfully deployed across a diverse range of international markets including Russia, Belarus, Nepal, Indonesia, New Zealand, Peru, Ecuador, Chile, Georgia, North Korea, Afghanistan, Turkey, and Congo.