

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.