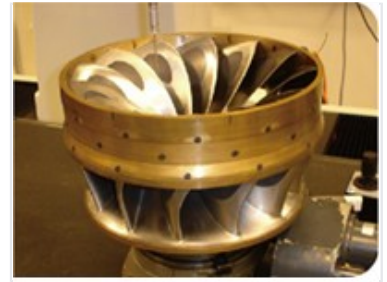


Francis Water Turbine for Hydropower

The Francis turbine is a water turbine combining radial and axial flow, ideal for medium head and flow rate applications. It converts water energy into rotational power for efficient hydroelectric power generation.



Overview

Francis Turbine Engineering

This Francis turbine is a specialized water turbine designed for medium head and medium flow rate applications. By combining radial and axial flow concepts, the unit optimizes hydraulic efficiency and ensures stable operation across varying conditions. The runner features precision-curved blades enclosed within a robust spiral casing, engineered to withstand high water pressures and velocities for reliable hydroelectric power generation.

Technical Specifications

Maximum Power Output

600 MW

Max Power

Maximum Head	600 m
Runner Diameter (D1)	8 m

Design Features

Ideal Application

Medium Head • Medium Flow Rate • Hydroelectric Generation

Flow Type	Radial Flow, Axial Flow
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