

Hydroelectric Impulse Turbine

This impulse turbine efficiently converts the kinetic energy of water into mechanical energy. It is suitable for hydroelectric power generation across a range of head and flow conditions.



ADDITIONAL IMAGES



Overview

High-Efficiency Impulse Turbine

This impulse turbine, also known as an action turbine, is engineered for optimal hydroelectric power generation in medium and high-head environments. By converting the kinetic energy of high-velocity water jets into rotational mechanical energy, it delivers reliable and stable power output. The system is designed for durability and ease of installation, featuring robust construction suitable for demanding hydroelectric applications.

Technical Specifications

Available Turbine Types

- Pelton turbine (scoop turbine)
- Inclined jet turbine (Turgo impulse turbine)
- Cross-flow turbine

Suitable Head Height

Greater than 1000m

Design & Construction

Safety Features

Protective housing • Safety grilles • Sturdy base mount

Key Components

Turbine runner, Adjustable nozzles, Governing system, Bearing system, Fabricated steel housing