

Axial Flow Turbine for Hydropower

This axial flow turbine is designed for small hydropower applications. It converts energy from flowing water using a runner, guide vanes, and a draft tube to maximize efficiency.



Product Overview

High-Efficiency Axial Flow Solution

This axial flow turbine is specifically engineered for small-scale hydropower projects, providing reliable energy conversion in low-head environments. Its robust design features a precision-crafted runner, guide vanes, and a draft tube to maximize power output. By prioritizing flow optimization and cavitation resistance, this unit ensures consistent performance and durability for demanding hydraulic conditions.

Technical Specifications

Engineering Highlights

- Optimized multi-blade runner configuration
- Advanced guide vane system
- Integrated draft tube for flow stabilization
- Cavitation-resistant construction

Ideal Application

Small Hydropower, Low Head Plants, Power Engineering

Performance Metrics

Performance Focus

1 Optimized

Cavitation Resistance

1 High Efficiency

Energy Conversion