

Pelton Turbine with Stainless Steel Runner for Hydropower

This Pelton turbine is designed with a stainless steel runner. It is optimized for converting water energy into rotational power in high-head hydropower applications.



ADDITIONAL IMAGES



Overview

High-Efficiency Pelton Turbine

This high-efficiency Pelton turbine features a durable stainless steel runner, specifically optimized for converting water energy into rotational power. Engineered for high-head hydropower applications, the system ensures reliable and sustainable energy production for both new and existing hydropower plants. With a robust design, it offers a long operational lifespan and is suitable for a wide range of power generation requirements.

Technical Specifications

Power Output Range

50 kW

Minimum Power

200 MW

Maximum Power

Frequency

50Hz • 60Hz

Working Water Head

40 m to 1700m

Available Output Voltages

400V, 3.3KV, 6.3KV, 10.5KV, 13.8KV

Output Type

AC three phase

Durability and Service

Runner Material

Stainless Steel

Expected Lifespan

30-50 years

Warranty Period

1 year (or more)