

Steam Turbine Rotor for Power Generation

This steam turbine rotor is engineered for electricity generation. It converts thermal energy into mechanical energy to drive a generator.



Product Overview

High-Performance Steam Turbine Rotor

This steam turbine rotor is engineered for large-scale power generation systems, designed to efficiently convert thermal energy into mechanical energy. Featuring a robust multi-stage axial flow design, it is built to withstand the rigorous demands of continuous electricity production. Each stage of blades is precision-engineered to maximize energy extraction from steam, ensuring reliability and operational longevity in industrial power plant environments.

Technical Specifications

Key Design Features

- Optimized blade geometry for energy extraction
- Heavy-duty construction for industrial scale
- Precision-balanced for high-speed rotation

Rotor Configuration	Multi-stage axial flow
Primary Application	Power Generation, Thermal Energy Conversion, Industrial Electricity

Maintenance & Handling

Handling Requirements

Professional Lifting Equipment Required • Crane Assisted Assembly • PPE Required for Maintenance