

Francis Turbine Generator Unit

This Francis turbine is designed for heads between 20 and 450 meters. The volute directs water flow efficiently, enhancing performance and reliability for small to medium hydropower plants.



Overview

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This Francis turbine generator unit is designed for medium to high head hydropower applications, specifically ranging from 20 to 450 meters. Featuring a volute device design, it ensures optimal water flow patterns and high operational efficiency. The structure is engineered for simplicity and reliability, making it an ideal solution for small and medium-flow hydropower stations.

Technical Specifications

Operating Head Range

20 m Minimum Head	450 m Maximum Head
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Design Features

- Volute device configuration
- Optimized water flow pattern
- High operational efficiency
- Simplified, reliable structure

Application

Ideal Use Cases

Small Hydropower Stations, Medium Hydropower Stations, Medium-High Head Projects