

Waste Heat Recovery Steam Generator

This generator absorbs flue gas heat from gas or diesel engines to produce high-pressure steam, which can then drive an engine to generate power. It can also supply steam to processing machines in dyeing and food mills, such as bleaching, mercerizing, and washing machines.



Product Overview

Industrial Waste Heat Recovery Steam Generator

This robust waste heat recovery steam generator is designed for efficient thermal energy conversion by capturing flue gas heat from gas or diesel engines. It produces high-pressure steam for power generation or industrial processing applications, such as bleaching, mercerizing, and washing in textile and food mills. The system features optimized heat transfer surfaces and integrated control systems to enhance operational efficiency and reduce energy costs.

Technical Features

Suitable Industry Processes

- Bleaching processes
- Mercerizing machines
- Food processing mills
- Textile washing machines

Core Applications

Power Generation, Industrial Heating, Process Steam

Performance Metrics

Efficiency Benefits

1 High

Energy Recovery Ratio