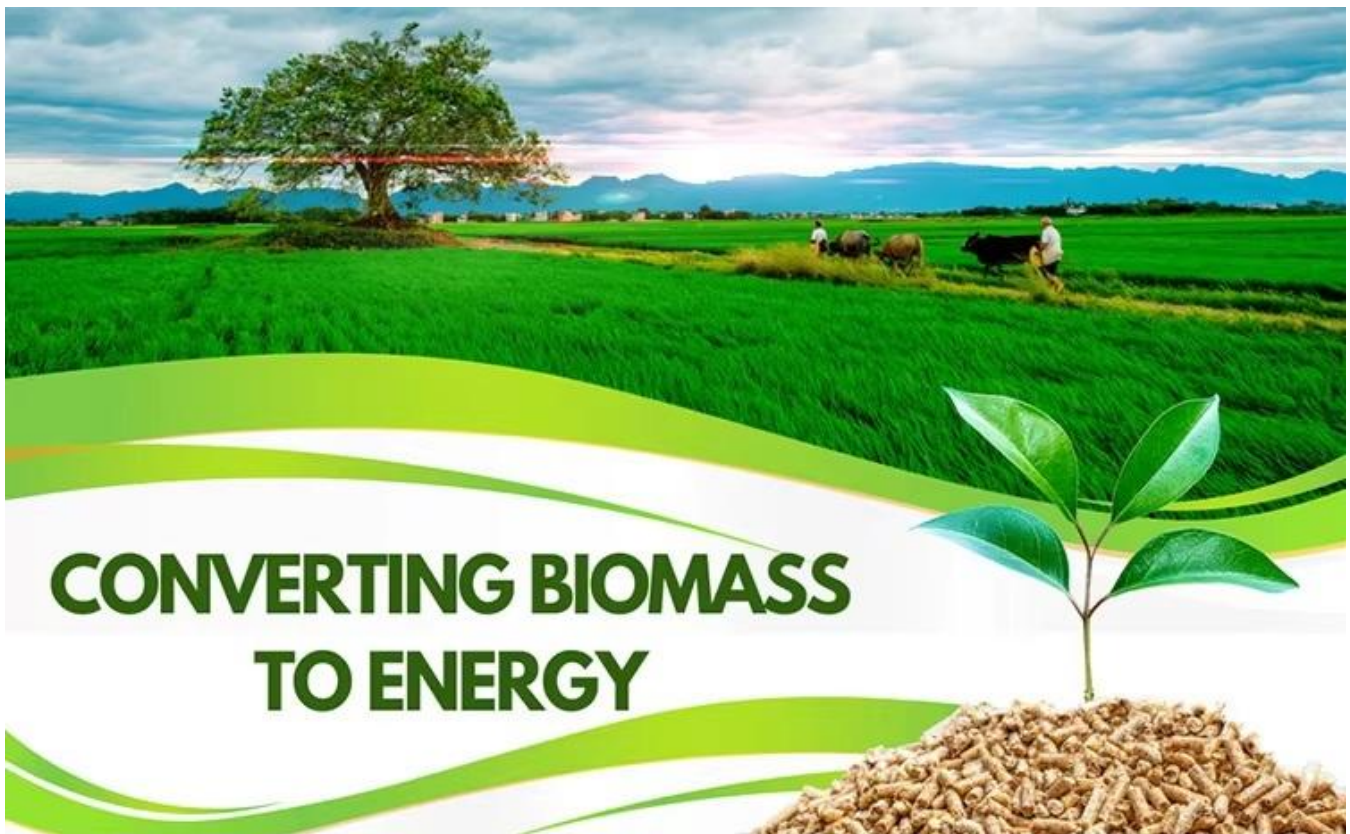


Biomass Power Plant



Product Description:

- **High-Efficiency Biomass Steam Turbine:** The 200MW Biomass Power Plant Steam Turbine by CMB Energy boasts an impressive energy-saving capability, making it an ideal choice for industries seeking to reduce their environmental footprint, as requested by environmentally conscious customers.
- **Wide Applicability:** This turbine is suitable for various industries, including energy and mining, and is available for viewing at showrooms in Russia, Kazakhstan, Ukraine, Uzbekistan, and Tajikistan, offering customers flexibility in terms of location.
- **Reliability and Warranty:** CMB Energy's 100-1200MW Biomass Power Plant Steam Turbine comes with a comprehensive 3-year warranty on the entire machine and a 3-year warranty on its core components, including the motor, providing peace of mind for users.
- **Thermal Power Generation:** As a thermal power electricity generator, this turbine utilizes biomass as a fuel source, offering a clean and sustainable alternative to traditional energy sources, aligning with the growing demand for eco-friendly solutions.
- **Comprehensive Documentation:** The product comes with a provided video outgoing-inspection and machinery test report, ensuring transparency and trustworthiness, as requested by customers seeking reliable information.



In the field of modern energy, we provide you with complete solution for power plants to jointly build a reliable and efficient power production system.

Adopting advanced technology and strict quality control to ensure the safe operation and efficient power generation of the power plant. Provide sustained and stable energy supply for various industries.

STEAM TURBINE GENERATOR



Efficient power generation drives the future

*The steam turbine generator, consisting of a steam turbine and a generator, is the core power generation equipment of a power plant.

*Efficient energy conversion converts the energy of steam into electrical energy. providing you with stable and reliable power output.



Advanced facilities and management

*Equipped with a comprehensive monitoring system, real-time monitoring of the operation status of the power plant, timely detection and resolution of problems.

*We have a professional operation and maintenance team that provides comprehensive technical support and services to ensure the long-term stable operation of the power plant.

Key Attributes:

Industry-specific attributes

Type: Natural Circulation

Pressure: High Pressure

Fuel: Biomass

Other attributes:

Steam production: Max. 60t/h

Warranty: 1 Year

video outgoing-inspection: Provided

machinery test report: Provided

Structure: fire and water tube

Style: VERTICAL

Output: Steam

dimension(l*w*h): customized

Product: Biomass Steam Boiler

Rated power: 100MW to 1200MW

Boiler Pressure: Low Pressure, high pressure

Turbine: Condensing, Extraction, backpressure

Usage: Industrial, Power Station

Overseas service: Available

Thermal efficiency: around 80%

Advantage: clean, environmental friendly, renewable

Operation: easy and convenient

BIOMASS STEAM BOILER

Product name	Biomass boiler
Model	Depends on model
Size	Depends on capacity
Weight	Depends on capacity
Efficiency	Over 80% depends on model
Reference	China, Indonesia, Thailand, etc.
Standard	Chinese GB, ASME
Types	Horizontal
Burner	Chain grate or CFB
Feature	High efficiency and stable
Application field	MDF factory, IPP, sugar mill, palm oil mill, etc.
Operation cost	Good for environment and save cost for user
Manufacturer	Chinese A level
Spare parts	Two years for overseas customer, one year for domestic customer
Fuel	Biomass, such as wood chip, bagasse, rice hus, etc.
Output	Steam or hot water
pressure	Low pressure, high pressure
Structure mode	Water tube
use	Industrial, power station
species	Natural circulation

New and old	New
Certificate	ISO9001, ASME, CE, IBR, DOSH, SONCAP
After-sales service	Engineers available to service machinery overseas

Applicable fuel



COMPREHENSIVE ADVANTAGES



One-stop solution

We provide one-stop solution of engineering, procurement and construction service for complete EPC solution of power plant, saving your time and cost. Proven design of over 500

power plants, advanced and reliable equipment, experienced construction service. which can guarantee the complete solution of EPC project.

Environmental Protection and Sustainable Development

The use of biomass boilers reduces reliance on traditional fossil fuels, lowers carbon emissions, and meets environmental protection requirements. Efficient energy conversion and utilization, improving energy efficiency, and contributing to sustainable development.



High quality service, worry free after-sales service

For after service, besides the complete training by experienced staff, we also provide the site service and on-line after service. And provide customers spare parts on time with professional spare parts team. And can dispatch experienced O&M team to assist user to operate after handover as per users' requirement.

Intelligent O&M

The predictive maintenance system is embedded in the system to understand the operating status and health of the equipment. Early warning of potential equipment failures. Accurate prediction of remaining life, reasonable arrangement of maintenance. Reduce unplanned downtime, reduce labor costs, and reduce spare part