

Biomass Fuel Steam Generator

ADINA INDUSTRIES CO.,LTD

Professional Manufacturer For New Energy Boiler
Safety、 Stable and Energy-Saving





Company Profile



Adina Industries adheres to the concept of being responsible for the economy, environment and society, and has been devoted to the research, development, production and sales of small and medium-sized new energy environmentally friendly boilers for fifteen years, and has always been at the forefront of the industry with a keen sense of smell. Adina has been committed to the development of export business. Its products are exported to Southeast Asia, South Korea, Spain, the United Kingdom, Africa, the Middle East and other countries and regions. It has production bases and operation centers in China, and has professional offices in Bangladesh, Morocco, Turkey and other countries. The energy management and sales operation center has won high praise from overseas customers in the industry due to its high energy consumption ratio, stable quality and perfect service.

Our aim is "safe products, stable quality, perfect services and saving customers' operating costs". We welcome customers to create and share the "ADINA" brand with our company.





- Fire tube structure, not easy to scale and long service life
- Built-in dust collector, shipped as a complete unit, easy to install

Technical Advantages

- The product is produced in strict accordance with the standard specifications, strength calculation and standard process flow of Class B boilers. The material part is made of steel plates with a thickness of 12mm. The pressure-bearing parts of the furnace are made of Q245R container-specific plates. The seams have been X-ray inspected to ensure the welding process. Quality, the weight of the furnace body is more than 2 times heavier than the same model on the market.
- Equipped with Adina's special microcomputer control system, one-button operation, five levels of adjustable fire power; the control system has an Internet of Things remote monitoring function to realize mobile APP control, which is safe, simple and flexible.
- The factory adopts a standardized and quantitative assembly line production model to ensure the standardization and stability of each product. The complete machine is shipped from the factory and only needs to be connected to water, electricity, steam and bacon pipes. The installation workload is small and the installation materials are saved.
- The furnace is equipped with secondary oxygen supplementation to burn in a semi-gasified state. The furnace temperature is higher and the combustion is complete.
- Special grate structure, fuel spreads over a large area, achieving the effect of burning the entire furnace
- Equipped with a waste heat recovery device and a dust removal device to achieve the effect of no smoke and dust visible to the naked eye.



<p>Ironing washing industry: dry washing machine, dryer, water washing machine, dehydrator, ironing machine, ironing machine and other equipment used together</p>	<p>Electroplating surface treatment industry: electroplating tank, matching washing machine, bath bath heating constant temperature</p>	<p>Food processing industry: tofu machine, rice noodle machine, cold leather machine, steaming box, sterilization tank, packaging machine, painting equipment, sealing machine and other equipment supporting use, hotels, enterprises and institutions canteen and various service stations disinfection, steamed vegetables, steamed rice supply boiling water</p>	<p>Biochemical industry: fermenter, reaction pot, sandwich pot, mixer, emulsifying machine and other equipment supporting use</p>	<p>Other industries: (oil fields, automobiles) steam cleaning industry, (hotels, dormitories, schools) steam or hot water supply, (Bridges, railways) concrete maintenance, etc</p>
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Application Parameters

Model	ADSG-BFT 300	Qty	1Set
Measured Evaporation Rate	280kg/h	Rated Operating Pressure	0.7Mpa
Applicable Fuel	Biomass Fuel Rods	Thermal Efficiency	90%
Fuel Consumption	50kg/h	Feeding Motor Model	180W/50KB
Blower Power	0.75kw	Induced Draft Fan Power	1.1kw
Safety Valve Diameter	DN25	Water Inlet Diameter	DN25
Steam Outlet Dia	DN25	Furnace Drain Diameter	DN40
Chimney Diameter	ø219	Body Dimensions	2200*1000*2450mm
Overall Shipping Weight	1200KG	Applicable Power Supply	220V 50HZ



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Configure Product List

Biomass steam generator	1Set	Heat recovery unit and dust collector	1 Set
LCD microcomputer control system	1Set	Flat hydraulic control system	1Set
Automatic feeding system (including motor transmission system)	1Set	Automatic ignition system	1Set
Blower	1Set	Induced draft fan	1Set
Safety Valve	2Pcs	Pressure gauge	1Pcs
Pressure controller	1Pcs	Main steam valve	1Pcs
Furnace drain ball valve	1Pcs	Economizer drain ball valve	1Pcs
Water level meter drain ball valve	1Pcs	Vertical high temperature and high pressure water pump	1Pcs
Water inlet filter	1Pcs	High temperature check valve	2Pcs
Screw Nut	1Bag	Operating Instructions	1Set
Product quality certificate	1Set		