

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.





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.
- With compact structure and small size, steam boilers within 5 tons can be replaced by this series of steam generators in a modular combination.



<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 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-BWP 300	Qty	1Set
Measured Evaporation Rate	270kg/h	Rated Operating Pressure	0.8Mpa
Applicable Fuel	Biomass Fuel Rods	Thermal Efficiency	84.60%
Fuel Consumption	50-55kg/h	Feeding Motor Model	180W/50KB
Blower Power	0.55kw	Induced Draft Fan Power	1.1kw
Safety Valve Diameter	DN25	Water Inlet Diameter	DN25
Steam Outlet Dia	DN25	Furnace Drain Diameter	DN25
Energy Saver Sewage Discharge Diameter	DN20	Water Level Meter Sewage Discharge Diameter	DN20
Chimney Diameter	ø219	Body Dimensions	2250*950*2200mm
External Dust Collector Size	ø450*2200mm	Applicable Power Supply	1 phase 220V 50HZ
Distribution Power	≤4.0kw	Overall Shipping Weight	1500KG

Biomass steam generator	1Set	Fin-type energy saver (built-in)	1 Set
Cyclone dust collector (external)	1Set	LCD microcomputer control system	1 Set
Flat hydraulic control system	1Set	Automatic feeding system (including motor transmission system)	1Set
Automatic ignition system	1Set	Furnace overheating insulator	1Set
Blower	1Set	High temperature special 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		