

Biomass Fuel Steam Generator

ADINA INDUSTRIES CO.,LTD

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



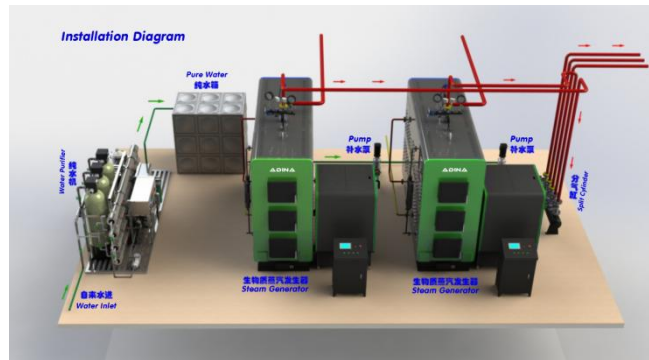


Company Profile

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.










- Water Pipe structure, rapid heating
- Built-in dust collector, shipped as a complete unit, easy to install

Technical Advantages

- The products are produced in strict accordance with the standard specifications, strength calculation and standard process flow of B-class boilers. The steel plate with the thickness of 24 mm is inspected by magnetic power in the welding seam to ensure the quality of welding process. The weight of the furnace body is more than 2 times heavier than that of the same model on the market.
- Forced circulation structure, fast water flow speed, high heat transfer efficiency, effectively reduce the scale of the furnace.
- Equipped with ADINA independent floor type control cabinet, full touch screen controller, control system with Internet of Things remote monitoring function, to achieve mobile APP control, one-click operation, five-speed fire size adjustable fire; Safe, simple and flexible, the induced draft fan is controlled by the inverter and can be adjusted according to the steam load.
- Built-in energy saver and external waste heat recovery, double absorption of flue gas heat, more energy saving steam production speed, only 4-5 minutes after the normal fuel can be raised to 0.4mpa.
- Special large furnace chamber design, fuel applicability is wide, can burn wood strips, wood chips and waste materials and other fuels. The high temperature flue gas flows in the large channel, the cleaning is simple, and the multi-directional cleaning overhaul is configured to ensure that there is no dead Angle in the later cleaning maintenance.
- The bottom left and right two collector access port is convenient to observe the scale or impurity deposition in the water pipe wall of the furnace at any time, early detection early prevention of scale deposition, to avoid the occurrence of pipe explosion, this type of biomass steam generator is used to replace the coal-fired boiler within 20 tons, old inefficient biomass boiler, but also the best product to do energy management services.

Application Range

				
Maintenance of concrete products in municipal / bridge/construction/railway projects.	wruggated paper/cardboard/carton/tube industry drying, bonding, shaping.	Poultry and livestock slaughter line.	iDrying agricultural products, edible fungi, flower tea, agricultural and sideline products.	Tableware, fruit and vegetable cleaning line.

Application Parameters

Model	ADSG-BWP 1000	Qty	1Set
Measured Evaporation Rate	≥940kg/h	Rated Operating Pressure	0.8Mpa
Applicable Fuel	Biomass Fuel Rods	Thermal Efficiency	90%
Fuel Consumption	180-190kg/h	Feeding Motor Model	180W/50KB
Blower Power	1.1kw	Induced Draft Fan Power	5.5kw
Safety Valve Diameter	DN40	Water Inlet Diameter	DN25
Steam Outlet Dia	DN50	Furnace Drain Diameter	DN25*2
Chimney Diameter	ø273	Body Dimensions	3480*1500*2765mm
External Stock Bin Dimensions	1100*1100*1950mm	External Waste Heat Recovery And Dust Collector Size	ø850*2700mm
Overall Shipping Dimensions	4200*2900*3370mm	Body Weight	6500KG
Applicable Power Supply	3 phases 380V 50HZ	Overall Shipping Weight	7000KG

Configure Product List

Biomass steam generator	1Set	Energy saver (built-in)	1Set
Waste heat recovery and dust collector (external)	1 Set	Floor-to-ceiling control cabinet	1Set
Flat hydraulic control system	1Set	Automatic feeding system (including motor transmission system)	1Set
Blower	1Set	Induced draft fan(frequency control)	1Set
Safety Valve	2Pcs	Pressure gauge	2Pcs
Pressure controller	2Pcs	Pressure assembly buffer tube	1Pcs
Main steam valve	1Pcs	Furnace drain ball valve	2Pcs
Economizer drain ball valve	2Pcs	Water level meter drain ball valve	2Pcs
Vertical stainless steel multistage pump	1Pcs	Water inlet filter	1Pcs
High temperature wafer check valve	2Pcs	Screw Nut	1Bag
Operating Instructions	1Set	Product quality certificate	1Set