



Low Pressure Biomass Fired Steam Boiler Single Cylinder With Waterproof Casing

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: OEM
- Certification: CE Certification
- Model Number: OEM
- Minimum Order Quantity: Negotiable
- Price: Negotiable
- Packaging Details: Carton, pallet, wooden case or according to customer's package requirements
- Delivery Time: 30 working days
- Payment Terms: 30% deposit + 70% T/T before shipping
- Supply Ability: 20 sets per month



Product Specification

- Product Name: 2 Tons Of Fuel, Gas And Biomass Gasification Three-purpose Boiler
- Design Fuel: Biomass, Oil Gas
- Output: Steam
- Style: Historical
- Working Pressure: Low Pressure
- Condition: New
- Pressure: Low Pressure, High Pressure
- Highlight: **biomass log boiler, biomass fired boiler**

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Product Description

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Gas and biomass gasification three-purpose boiler

The new sewing machine is a single cylinder boiler with waterproof casing and deep oil. The water cooled walls on the left and right side of the stove are hot.

The lower part of the sewing tube uses new technology: the two wings of the furnace body are filled with heat and the hot drum of a stainless steel band (57 × 3) is dispersed. The stove is made of durable cement and comes in three sizes outside the pot.

Product Features

1. Easy to Install:

Generally, boilers are fast moving plants that are easy to transport and install, including construction time, installation costs and timely delivery of boilers.

2. Trustworthy behavior:

Because the boiler heating system is designed, the water flow is constant and the amount of fuel must be cooled in time to ensure the safety of the boiler.

3. Proper Care and Management:

The drum is provided with inspection holes for inspection. It is easy to open the smoke box before the fire, and staff can easily and clearly inspect and treat the right conditions.

4. Burn completely:

With favorable weather and a soft texture, the oil can be completely heated to eliminate black smoke.

5. Proper Golf:

The flame adopts double ventilation, which avoids pot cleaning before the pot, thereby avoiding obvious advantages over air and oil leakage, unnecessary ventilation, normal operation and regular grinders.

6. Easy to clean:

Combustion produces large amounts of burning ash, which can remove dust from the floor, prevent work deficiencies, reduce fuel efficiency by collecting ash and provide a steady boiler load.

Technical Parameters

Main Technical Parameters of Biomass Series Steam Boiler

Steam Capacity	t/h	1	2	3	4	6	8	10
Working Pressure	MPa	1.25/1.6	1.25/1.6	1.25/1.6	1.25/1.6	1.25/1.6	1.25/1.6	1.25/1.6
Steam Temperature		193/204	193/204	193/204	193/204	193/204	193/204	193/204
Feed Water Temperature		20	20	20	20	20	20	60
Thermal Efficiency	/	≥82%						
Fuel	/	Biomass particles						
Fuel Consumption	Kg/h	176.6	352.3	571	522	1044	1396.5	1743.3
Heating area	m ²	39.82	86	120.2	174.32	220.6	317	409
Grate area	m ²	1.97	3.2	4.8	5.5	7.04	11.7	13.6
Power consumption	Kw	18	26	31.5	34	62.4	76.4	87.2
water volume	m ³	4.5	4.68	5.9	6.3	11	13.8	16.5

Note:biomass particles 17084KJ/Kg (4085Kcal/Kg). If the low calorific value of biomass fuel is larger than this value, the corresponding fuel consumption will be more economical than the value in the table.

External and Interface Dimension of Biomass steam boiler

Steam Capacity	t/h	1	2	3	4	6	8	10
Transport Dimension	L mm	5100	6140	6330	6880	7290	7800	8500
	W mm	2200	2600	2700	2700	3190	3400	3400
	H mm	2900	3300	3300	3300	3700	3700	3700
Mainframe Transport Weight	/ t	15	18	24	27	31	33	41

Main Steam Valve Pipe Diameter	DN	mm	65	80	100	100	125	150	150
Feed Water Valve	DN	mm	40	40	40	40	50	50	50
Safety Valve Diameter	DN	mm	2*40	2*50	2*50	2*50	50/80	2*80	2*80
Drain Valve Pipe Diameter	DN	mm	3*40	3*40	3*40	3*40	3*40	3*40	3*40
Chimney Diameter	φ	mm	280	350	410	410	530	720	750

Remarks: We will reserve rights to change the above mentioned data due to continuous policy transformation and product improvement.



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