



Three Pass Structure Biomass Steam Boiler Coal Fired Environment Friendly

Our Product Introduction

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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: Three Pass Structure Environment-Friendly Biomass Steam Boiler
- Design Fuel: Biomass, Straw, Wood, Coal
- Output: Steam
- Style: Historical
- Working Pressure: Low Pressure
- Warranty: 2 Years
- Fuel: Coal-fired, Coal, Biomass Pellet, Wood Pellet, Straw
- Highlight: **industrial biomass boiler, biomass fired boiler**



Product Description

Three Pass Structure Environment-Friendly Biomass Steam Boiler

Product Description

Series Biomass Fired Steam Boiler

The new sewing machine is a one-cylinder boiler - with a waterproof casing, and the oil material is a deep chain. Water-cooled walls on the left and right side of the furnace have a high temperature.

The new technique is used in the lower part of the sewing pipe: the two wings of the furnace body are full of heat, and the heat of the stainless steel belt (57 × 3) is on the drum. The fireplace is made of durable cement and has three dimensions outside the pan.

Product Features

1. Easy to install:

Typically, boilers are fast-moving plants that are easy to transport and install, which reduce construction time, save on installation costs, and allow for timely delivery of boilers.

2. Trusted act:

The boiler heating system has been designed because, the water flow is consistent, and the fuel level is cooled on time to ensure boiler safety.

3. Proper care and maintenance:

An inspection hole is provided at the drum to enter the inspection. It is easy to open the smoke box before the fire, and the staff can easily and clearly check and create the right conditions for the right treatment.

4. Burn completely:

With a supportive climate and soft structure, the oil is heated thoroughly to remove black smoke.

5. Appropriate golf:

The flame uses double ventilation, and the cleansing technology in front of the pan avoids this, so avoid air, oil leaks, unwanted ventilation, normal operation and obvious benefits over simple grinders.

6. Easy cleaning:

A large amount of combustion ash will be created by combustion, which can remove dust from the soil, prevent work errors, reduce fuel efficiency by collecting ash, and provide consistent 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
	W	mm	2200	2600	2700	2700	3190	3400
	H	mm	2900	3300	3300	3300	3700	3700
Mainframe Transport Weight	/	t	15	18	24	27	31	33

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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