



Waste Wood Combusting Biomass Steam Boiler High Pressure Coal Fuel Customized

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

- Capacity: 1t
- Working Pressure: 1.25MPa
- Steam Temperature: 193
- Boiler Efficiency: 82%
- Weight: 13.6t
- Warranty: 2 Years
- Color: Customization
- Fuel: Coal
- Highlight: industrial biomass boiler, biomass log boiler



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Product Description

Product Discription

Series Manual Coal Fired Steam Boiler

series of manual steam boilers for coal combustion use mobile grates, auxiliary machines such as fans, induced fans, economists, dust collectors, automatic water treatment, pumps, steam heads, control cabinets, valves and meters. It is suitable for all types of coal fuels, environmental protection, moderate price is the preferred steam for small and medium -sized enterprises processing lines.

Product Features

1. Easy to install:

Boilers are usually installed quickly from the factory, which is convenient for transport and installation in the field, significantly shortens the installation cycle, saves installation costs and allows the boiler to be produced in time.

2. Reliable operation:

The heat surface of the boiler is reasonably aligned, the water circulation is smooth, the heat surface cools in time and the safe operation of the boiler is effectively ensured.

3. Maintenance is comfortable:

Boiler drums are equipped with inspection which is convenient for inspection; it is easy to open the smoke box in front of the boiler and the staff can control it in a comfortable and clear way, providing a good condition for proper treatment.

4. full burn:

Secondary air and a sensible furnace design can make fuel fully burned and eliminate black smoke.

5. High efficiency:

The boiler grill matches biomass fuel to avoid air leakage, oil cover and uneven ventilation. Compared to ordinary grill, it is easy to operate and has obvious advantages.

6. Pure and practical:

The installation of several ash openings on the boiler can effectively and timely clean the ash, avoid the operational obstacles and thermal efficiency loss caused by the accumulation of ash in the boiler and ensure stability in the boiler.

Technical Parameters

Main Technical Parameters of DZH Series Biomass 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	522.5	697	1044	1396	1744
Heating area	m ²	39.82	82	120.2	174.32	239	317	409
Grate area	m ²	1.97	2.7	4.1	5.43	6.7	10.2	13.6
Power consumption	Kw	13.7	18	31.5	31.5	45	69.2	95.5
water volume	m ³	4.5	4.68	5.9	6.3	11	13.8	16.5

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

Shape and Interface Dimensions of Series Hand-fired Biomass Steam Boilers

Rated Steam Capacity		t/h	1	2	3	4	6	8	10
Host Transport Dimension	L	mm	4300	5140	5630	5920	6200	6800	7500
	W	mm	1900	2500	2700	2700	2960	3400	3400
	H	mm	2900	3100	3300	3430	3580	3600	3700
Host Transport Weight	/	t	13.6	18	23	25.3	31	34	39
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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