

## Energy Saving Industrial Steam Water Heater

Our Product Introduction

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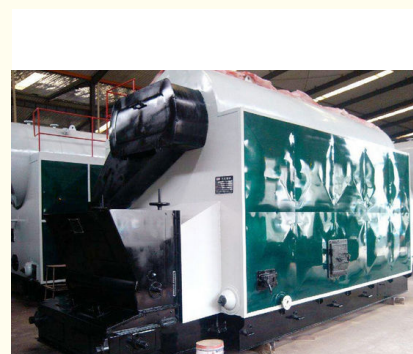
### Basic Information

- 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

- Thermal Power: 0.7-7MW
- Outlet Water Dimension: 80-200mm
- Boiler Efficiency: 83%
- Return Water Diameter: 80-200mm
- Weight: Depends
- Warranty: 2 Years
- Power Consumption: 18-87.2kw
- Chimney Diameter: 280-750mm
- Highlight: oil fired hot water furnace,  
hot water wood boiler



## Product Description

### Product Discription

#### Biomass Fired water Boiler

The furnace surface is 1600 mm. The water wall on both sides of the furnace is the radioactive water heating surface. Oven tubes intersect below 1600. This is very important. The new technology is installed. The gas is 160.160, the kiln wall is a heat-tight concrete and the outside of the kiln is three-dimensional.

Symmetrical layout of the boiler body, water wall panel 160, bonded 160, 1600 with 1600 \*14 tubes inside. The police officers are 57 x3, 159 x6, 133 X6 and 130. Cops have front and back wings. Burning has a high efficiency.

### Product Features

#### 1. Installation convenience:

The boiler is generally fast-loading factory, easy to transport and on-site installation, greatly shorten the construction cycle which provide great convience to customers.

#### 2. Reliable operation:

Boiler heating surface layout is reasonable, water circulation is smooth, and each heating surface is cooled in time.

#### 3. Maintenance and repair convenience:

It is convenient to open the smoke box in front of the boiler, and the personnel can check it easily and clearly, which provides a good condition for correct treatment.

#### 4. Full combustion:

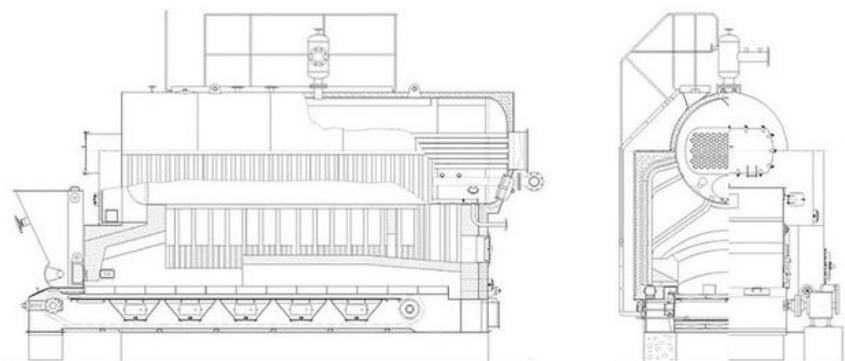
With the secondary air and reasonable furnace design, the fuel can be fully burned and the black smoke can be eliminated.

#### 5. Longevity and durability:

The professional excellent design of the boiler, the advanced production equipment and the strict quality inspection, is the guarantee of the quality of every new boiler boiler, and the service life of the normal boiler body is over 20 years.

#### 6. Environmental protection and low noise:

The boiler's original smoke emission is low, and the boiler tail is equipped with high-efficiency dust remover and low noise fan, which makes the flue gas discharge meet the national environmental protection requirements.



### Technical Parameters

Main Technical Parameters of Biomass Hot Water Boiler

Thermal Power	MW	0.7	1.4	2.1	2.8	4.2	5.6	7
Outlet Pressure	MPa	1.0	1.0	1.0	1.0	1.0/1.25	1.0/1.25	1.0/1.25
Outlet Temperature		95	95	95	95	95/115	95/115	95/115
Feed Water Temperature		70	70	70	70	70	70	70
Thermal Efficiency	/	≥83%						
Fuel	/	Biomass particles						
Fuel Consumption	Kg/h	174.3	348.6	517	687.2	1024	1374.3	1708
Heating area	m <sup>2</sup>	35.2	79.8	114.2	168	207.6	300.5	391
Grate area	m <sup>2</sup>	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 <sup>3</sup>	5.1	5.58	6.95	9.3	14	17.8	20.5

**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 this value, the corresponding fuel consumption will be more economical than the value in the table.

Thermal Power	MW		0.7	1.4	2.1	2.8	4.2	5.6	7
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
Outlet Water Valve	DN	mm	80	100	125	125	150	200	200
Feed Water Valve	DN	mm	80	100	125	125	150	200	200
Safety Valve Diameter	DN	mm	1*32	1*50	2*40	2*40	2*50	2*50	2*50/80
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.





+8618812345678



Puooedr@maoyt.com



newarrivals2025.com

Room 402.Dongbao Building,No.19 Dongbao Road,Chaoyang,Beijing 201613,China