



0.35-2.8 MW Biomass Steam Boiler Normal Pressure For Greenhouse Stable

Our Product Introduction

Basic Information

- Place of Origin: China (Mainland)
- Brand Name: Yuji
- Certification: ISO CE
- Model Number: Gas&Oil Fired Hot Water Boiler
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: wood packet
- Delivery Time: 15 days
- Supply Ability: 5 sets



Product Specification

- Thermal Power: 0.35-2.8
- Working Pressure: 1.0 MPa
- Efficiency: 96%
- Fuel: Gas&oil
- Weight: Depends
- Dimension: Depends
- Warranty: 2 Years
- Color: Customization
- Style: Horizontal
- Highlight: **biomass log boiler, biomass fired boiler**

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Product Description

Product Discription

Series Pressure Horizontal Oil Fired Hot Water Boiler

series of pressure horizontal gas boilers with a gas explosion are fast loading, combustion and three -way boilers on the fire hose, which have a wet rear structure. High temperature smoke gas flushes two -way and three -way fire pipes and then releases them from the back into the atmosphere. The chimneys and capacitors, chimneys. The boiler is equipped with a sliding cover from the front and rear smoke boxes, which is suitable for maintenance.

Product Features

1. Advanced control system:

Fully automatic control, users only have to press the start button, the boiler can be configured according to the program to start operation. Load control and automatic water supply are all automatic operations to meet the requirements u user.

2. In accordance with environmental requirements:

The furnace area is large, and is equipped with high quality and reliable imported burners, so that the fuel can be completely burned, and the harmful components in the combustion gases are reduced to a large extent. The inspection by the relevant departments shows that oil -fired gas boilers meet the strictest national environmental protection requirements and meet national environmental protection requirements.

3. Miscellaneous fuels applicable:

The furnace surface is large, fuel combustion is sufficient, especially for low calorific fuels such as coke oven gas, furnace gas etc. The efficiency of high calorific fuel combustion is better, such as natural gas I, liquefied gas etc.

4. Longevity and durability:

Professional design of boilers and strict quality control are the guarantee of the quality of every Yuji boilers. The service life of the boilers used is more than 20 years.

5. Easy maintenance:

front and rear movable smoke box doors, rear inspection holes can enter the oven for inspection and cleaning. Opening of Deficiencies in Ontology. Holes and handholes, structural design fully considers future maintenance.

Technical Parameters

Main Technical Parameters of Series Pressure Hot Water Boilers


Rated Heat Efficiency		MW	0.35	0.7	1.4		4.2	7	10.5	14
Rated Working Pressure		MPa	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.25
Rated Effluent temperature		°C	95	95	115	115	115	115	115	115
Return water temperature		°C	70	70	70	70	70	70	70	70
Efficiency		/	>96%							
Design Fuel		/	Natural gas, liquid gas, city gas, light oil							
Fuel Theoretical consumption	gas	NM ³ /h	37	74	146	288	434	729	1080	1450
	Liquid gas	Kg/h	29	58	116	232	350	586	869	1149
	City Gas	NM ³ /h	79	157	305	603	943	1572	2347	3141
	Light Oil	Kg/h	31	62	119	237	357	602	903	1203
	Natural gas	mbar	70-100	100-150	100-150	150-200	150-200	150-200	150-300	150-300
	City gas	mbar	100200	100-200	100-200	150-200	150-200	150-200	150-300	150300
Rated water circulation		M³/h	12	24	26.67	53.33	80	133.33	200	266.67
water capacity		M³	1.1	5.2	6.26	7.19	9	14.1	26.9	35.2

Note: The fuel consumption in the table is calculated by low calorific value of light oil 42915KJ/Kg (10260Kcal/Kg), low calorific value of natural gas 35588KJ/NM³ (8500Kcal/NM³), low calorific value of liquefied gas 45998KJ/Kg (11000Kcal/Kg), low calorific value of urban gas 16750K/NM³ (4000Kcal/NM³).

Configuration and Interface Dimensions of Series Pressure Hot Water Boilers


Host transport dimensions (length * width * height)	/	mm	2949*14 54*170 7	3198*18 80*216 6	4131*22 47*242 2	4928*22 50*260 0	5401*24 06*265 0	6280*26 40*317 6	7804*33 93*354 0	9120*44 00*4100
Host Weight	/	t	2.8	5	8	10.5	17.8	19	35	48
Outlet Valve Diameter	DN	mm	50	65	100	125	125	200	200	200
Backwater Valve Diameter	DN	mm	50	65	100	125	125	200	200	200
Atmospheric Connecting Pipe Diameter	DN	mm	40	50	2,40	2*50	2,65	2,80	2*100	2*150
Drainage Valve Diameter	DN	mm	40	40	2*40	2*40	2,40	2*40	2*50	2*50
Chimney diameter	DN	mm	250	280	350	400	600	750	1000	1100

Note: Due to the continuous updating of products, the company reserves the right to modify the data in the above two tables.

 **Jinan Yinghua Outdoor Equipment Co., Ltd.**

 +8618812345678

 Puooedr@maoyt.com

 newarrivals2025.com

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