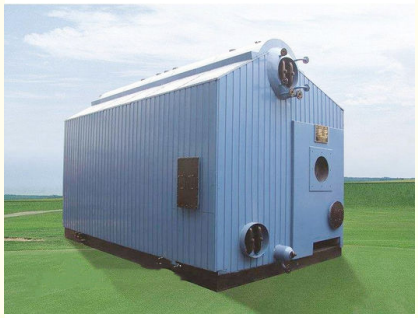
Low Calorific Fuel Gas Fired Industrial Hot Water Boiler Mechatronic Structure High Cooling Perormance

Our Product Introduction

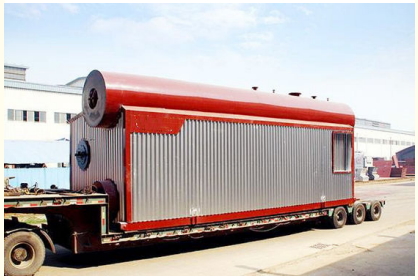
Basic Information

- 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: Series 10.5MW 1.25Mpa High Efficiency Natural Gas Fired Hot Water Boiler
- Pressure: 1.0/1.25MPa
- Type: Natural Circulation
- Efficiency: 96%
- Output: Hot Water
- Condition: New
- After-sales Service Provided: 2 Years
- Warranty: New
- Highlight: **oil steam boiler, oil fired hot water furnace**



Product Description

Product Discription

Pressure Hot Water Boiler

The steam boilers of the series are double drums, longitudinal -D series, fast steam boilers. The boiler series consists of upper and lower drums, membrane walls, convection pipes and capacitors. Fuel is burned in the boiler. Liquid gas is piped from the convection pipes into the chimney and waste heat recovery plant. With the mechatronic structure, the performance in China is leading.

Product Features

1. Advanced Control System:
Fully automatic control, users only have to press the start button, the boiler can be set according to the program to start the operation. Load control and automatic water supply are all automatic operations to meet the user's requirements.

2. In accordance with environmental requirements:
The range of the furnace is large and equipped with high -quality and reliable imported burners, so that fuel can be completely burned and harmful components in the exhaust gas reduced significantly. The inspection by the relevant departments shows that our oil and gas boilers meet the highest national environmental protection requirements and meet national environmental protection requirements. Continuous improvement of environmental requirements.

3. Different fuels:
The range of furnaces is large, the combustion of fuels is sufficient, especially suitable for low -calorific fuels such as coke oven gases, blast furnace gas, etc. The combustion efficiency of high -calorific fuels is better, such as natural gas, liquefied gas, etc.

4. Appropriate structure:
It is easy to fix the burner head by installing the front water wall in front of the boiler, which ensures the water level and cooling near the burner, and helps to eliminate carbon deposition in the burner and increase fuel consumption.

5. Easy maintenance:
The explosion -proof door, the fire -resistant hole and the overhaul door are mounted on the wall of the boiler and the shaft door is placed at the front and back of the boiler water to facilitate the overhaul of the boiler.

Technical Parameters

Main technical parameters of series pressure cushion water boilers										
Rated Heat Efficiency		MW	7	105	14	21	29	35	42	46
Rated Working Pressure		MPa	1.0/125	L0/L25	1.0/1^5	1^5/1.6	125/L6	1-25/1.6	L25/L6	1.25/16
Rated Effluent temperature		°C	115/130	115/130	115/130	115/130	115/130	115/130	115/130	115/130
Return water temperature		°C	70	70	70	70	70	70	70	70
Efficiency		/	>96%							
Design Fuel		/	Natural gas, liquid gas, city gas, light oil Liquefied gas, City Gas Light oil							
Fuel Theoretical consumption	gas	NM3/h	731	1097	1462	2191	3026	3657	4383	4799
	Liquid gas	Kg/h	586	877	1169	1755	2421	2928	3511	3843
	City Gas	NM3/h	1572	2354	3138	4705	6503	7839	9149	9991
	Light Oil	Kg/h	599	899	H93	1801	2479	2989	3601	3943
	Natural gas	mbar	150-200	150-300	150-300	150-300	150-300	150-300	150-300	150-300
	City gas	mbar	150-200	150-300	150-300	150-300	150-300	150-300	150-300	150-300
Rated water circulation		M³/h	133/100	200/150	266/200	400/300	551/414	665/500	798/600	874/657

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 Overlay Boilers										
Host transport dimensions (length * width * height)	/	mm	5633*3300*3400	6365*3585*3478	8781*3625.383	Separate transportation	Separate transportation	Separate transportation	Separate transportation	Separate transportation
Host Weight	/	t	150/200	200	200	300	300	350	350	400
Outlet Valve Diameter	DN	mm	150/200	200	200	2*200	2*200	2*200	2*200	2*300
Backwater Valve Diameter	DN	mm	50	50	2*50	2*50	2*50	2*50	2*50	2*50
Atmospheric Connecting Pipe Diameter	DN	mm	750	1000	1100	1400	1700	2000	2000	2200

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

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