



Laboratory Natural Gas Steam Boiler 14MW 130 Blast Proof Door High Efficiency

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: Series 14MW 130 Laboratory Natural Gas Fired Hot Water Boiler
- Rated Pressure: 1.0/1.25MPa
- Type: Natural Circulation
- Usage: Industrial, Home&industrial Heating, Swimming Pool, Domestic
- Material: Q235B Carbon Steel
- Condition: New
- After-sales Service Provided: 2 Years
- Warranty: New
- Highlight: oil steam boiler, hot water wood boiler



Product Description

Product Discription

Pressure Hot Water Boiler

The series of two -drum gas -fired steam boilers are two -drum, long -running boilers with fast water supply. The series of boilers consists of upper and lower drums, membrane coils, convection bushes and condensers. Fuel is burned in the furnace of the boiler. Liquid gas is discharged into the chimney from the convection tanks, and waste heat recovery device. With Mechatronics structure, performance is at the leading level in China.

Product Features

1. Advanced Control System:

Fully automatic control, users only need to press the start button, the boiler can be set according to the program to start. Tax control and automatic water supply are automatic actions to meet the user's requirements.

2. In accordance with environmental requirements:

The furnace zone is large, and is equipped with high -quality and reliable imported burners so that the fuel can be fully burned, and harmful components in flue gas are greatly reduced. The inspection by the competent departments shows that our oil -fired gas boilers meet the strictest national environmental protection requirements and meet national environmental protection requirements.

3. Miscellaneous applicable fuels:

The furnace zone is large, fuel combustion is sufficient, especially suitable for low calorific fuels such as coke gas, blast furnace gas, etc. The combustion efficiency of high calorific fuel is better, such as natural gas, liquid gas, etc.

4. Reasonable structure:

It is easy to fix the head of the burner by the front of the water wall for the boiler, which provides the water level and cooling near the burner, and helps to eliminate the carbon footprint in the burner and make fuel combustion more complete.

5. Easy to maintain:

The blast -proof door, fire -resistant hole and reviser stand on the wall of the boiler and the door of the manhole stands on the front and back of the boiler to facilitate the revision 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	1.0/12 5	L0/L2 5	1.0/1^ 5	1^5/1. 6	125/L 6	1- 25/1.6	L25/L 6	1.25/1 6
Rated Effluent temperature	°C	115/1 30	115/1 30	115/1 30	115/1 30	115/1 30	115/1 30	115/1 30	115/1 30
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
	Liquid gas	Kg/h	586	877	1169	1755	2421	2928	3511
	City Gas	NM3/h	1572	2354	3138	4705	6503	7839	9149
	Light Oil	Kg/h	599	899	H93	1801	2479	2989	3601
	Natural gas	mbar	150-200	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
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)	/	m	563 3*3 00* 340 0	636 5*3 85* 347 8	878 1*3 25. 383	Separate transportation	Separate transportation	Separate transportation	Separate transportation	Separate transportation
Host Weight	/	t	150 /20 0	200	200	300	300	350	350	400
Outlet Valve Diameter	Dm Nm		150 /20 0	200	200	2*200	2*200	2*200	2*200	2*300
Backwater Valve Diameter	Dm Nm		50	50	2*50	2*50	2*50	2*50	2*50	2*50
Atmospheric Connecting Pipe Diameter	Dm Nm		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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