# Professional Gas Fired Boiler Horizontal Reduced Heat Loss Strong Output

## **Basic Information**

. Place of Origin: **CHINA** Brand Name: OEM

**CE** Certification · 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 Horizontal Style Great Capacity Gas

Fired Steam Boiler

 Steam Capacity: 10-65kg 1.25/1.6MPa Working Pressure: • Steam Temperature: 193/204 • Feed Watetr Temperature: 104 • Thermal Efficiency: 96%

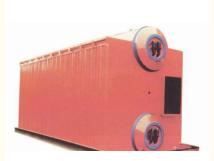
• Usage: Industrial, Hospital Chemical Industry School,

Industry Or Power Station, Steam Outputing,

Crude Oil Thermal Recovery

Style: Horizontal

• Highlight: gas powered steam boiler, lpg fired steam boiler



# **Product Discription**

#### Series Double Drum Oil and Gas Fired Steam Boiler

series double steam and double steam boiler is double drum, vertical type D arrangement, high speed hose boiler. The boiler series consists of an upper boiler drum and a lower boiler drum, a membrane wall, convection tube and condenser. The fuel is burned in the furnace of the boiler, the flue gas is discharged from the convection pipe into the chimney, and the waste heat recovery device. With a mechatronic structure, performance is at the leading domestic level.

### **Product Features**

#### 1. Applies to all types of fuels:

The area of the furnace is large and the fuel is fully burned. It is particularly suitable for low caloric value fuels such as coke oven gas and blast furnace gas. Burning high caloric value fuels is much better, such as natural gas, liquefied gas, and the like.

### 2. With overload capability:

The heating area is large, the furnace area is large, the output is large, and the load capacity is assured.

#### 3. Reasonable structure

The front water wall is placed in front of the boiler to facilitate the installation of the burner head to ensure water level and cooling near the burner, which helps to remove the burner's carbon deposit and make the fuel burn more.

#### 4. Easy to maintain:

The boiler furnace wall is fitted with an anti-explosion door, a fireproof hole and an inspection door, and an inspection hole is arranged before and after the boiler tube to facilitate boiler maintenance.

#### 5. Reduce heat loss:

Use thick insulation to reduce boiler heat loss and improve thermal efficiency.

#### 6. Longevity and durability:

Excellent professional design, advanced production technology, strict inspection and quality control, are the quality assurance of all boilers, the service life of the normal-use boiler is more than 20 years.

#### **Techinical Parameters**

# Main Parameters of Series Oil & Gas Fired Steam Boiler

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Steam Capaci	Steam Capacity		10	15	20	25	35	50	65		
Working Pressure		МРа	1.25/1. 6	1.25/1. 6	1.25/1. 6	1.25/1. 6	1.25/1. 6	1.6/2.5	1.6/2.5		
Steam Temperature			193/20 4	193/20 4	193/20 4	193/20 4	193/20 4	204/22 6	204/226		
Feed Water To	eed Water Temperature		104	104	104	104	104	104	104		
Thermal Efficiency		/	≥98%								
Fuel		/	Natural Gas, Liquefied Gas, City Gas, Light Oil								
Fuel Consumption	Natural Gas	NM <sup>3</sup> / h	733	1098	1464	1829	2559	3662	4769		
	Liquefied Gas	Kg/h	588	883	1173	1469	2053	2937	3823		
	City Gas	NM <sup>3</sup> / h	1573	2362	3143	3945	5503	7877	10222		
	Light Oil	Kg/h	601	898	1197	1496	2093	2997	3893		
Gas Inlet Pressure	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	150-30		

Remarks: The fuel consumption in above table are counted the low calorific value of light oil as 42915 KJ/Kg(10260Kcal/Kg), the low calorific value of natural gas as 35588 KJ/NM3(8500Kcal/NM3), the low calorific value of liquefied oil as 45998 KJ/Kg(11000Kcal/Kg), the low calorific value of city gas as 16750 KJ/NM3(4000Kcal/NM3).

Transport Dimension							ed <sup>.</sup>	ed	Separated
	Н	mm	3400	3478	3850	Transpo rt	Transpo rt	Transpo rt	Transport
Main Steam Valve Pipe Diameter	DN	mm	150	150	200	200	250	2×150	2×150
Feed Water Valve	DN	mm	50	65	65	80	100	125	125

Drain Valve Pipe Diameter	DN	mm	40	40	50	50	50	50	50
Chimney Diameter	DN	mm	750	1000	1100	1300	1500	2000	2000

External and Interface Dimension of Series Oil & Gas Fired Steam Boiler
Remarks: We will reserve rights to change the above mentioned data due to continuous policy transformation and product improvement.

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