



## Three Pass Gas Fired Steam Boiler

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

- Name: Series Direct Vent Three Pass Fire Tube Gas Fired Steam Boiler
- Steam Capacity: 10-65kg
- Working Pressure: 1.25/1.6MPa
- Structure: Fire Tube
- After-sales Service Provided: Engineers Available To Service Machinery Overseas
- Usage: Industrial, Hospital Chemical Industry School, Industry Or Power Station
- Dimension: Depends
- Weight: Depends
- Highlight: **gas powered steam boiler, lpg fired steam boiler**

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## Product Description

### Product Discription

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

Gas vapour boilers with double drums of the SZS series are two drums, long -running, fast -charging water heaters. The series of boilers consists of upper and lower drums, membrane walls, convection tubes and capacitors. Fuel burns in the boiler. The flue gas is discharged into the chimney from the convection pipes and the waste heat.

### Product Features

#### 1. Miscellaneous fuels:

Furnace area is large, fuel combustion is sufficient, especially suitable for low -calorific fuels such as coke oven gas, blast furnace gas, etc. natural gas, liquefied gas, etc.

#### 2. Overload capacity:

The heating area is large, the furnace area is large, the production is strong and has a certain overcharging capacity.

#### 3. Reasonable structure:

The front water balance in front of the boiler is easy to repair the burner head, secure the water level and cool close to the burner, help remove the carbon storage in the burner and make the combustion more full.

#### 4. Easy to maintain:

The explosion -proof door, fire -proof holes and inspection door are mounted on the boiler wall and the inspection hall is mounted on the front and rear of the boiler to facilitate the inspection of the boiler.

#### 5. Reducing heat output:

A thin layer of insulation is used to reduce the heat sink of boilers and improve heat efficiency.

#### 6. Long life and durability:

An excellent professional design, advanced production technology, strict quality control and control are the quality assurance of each boiler. The normal life of the boiler is over twenty years.

### Technical Parameters

#### Main Parameters of Series Oil & Gas Fired Steam Boiler

Steam Capacity		t/h	10	15	20	25	35	50	65
Working Pressure		MPa	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			193/204	193/204	193/204	193/204	193/204	204/226	204/226
Feed 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/NM<sup>3</sup>(8500Kcal/NM<sup>3</sup>), the low calorific value of liquefied oil as 45998 KJ/Kg(11000Kcal/Kg), the low calorific value of city gas as 16750 KJ/NM<sup>3</sup>(4000Kcal/NM<sup>3</sup>).

Transport Dimension	L	mm	5633	6365	6665	Separated Transport	Separated Transport	Separated Transport	Separated Transport
	W	mm	3300	3585	3585				
	H	mm	3400	3478	3850				
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
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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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