



# **BEST BOILER**



## **BESTPAC**

**INDUSTRIAL WATER -CUM-  
SMOKE TUBE BOILER**

- Multi Fuel Compatibility
- Highly Efficient
- Environment Friendly Boiler



# BESTPAC

## INDUSTRIAL WATER -CUM- SMOKE TUBE BOILER



BESTPAC Industrial Water -cum- Smoke Tube Boiler is the highly efficient industrial boiler on Fluidized Bed Combustion Technology that delivers high thermal efficiency with low cost maintenance. Our boilers are designed to attain highest steam and water holding capacity which ensures better boiler performance during fluctuating load; safe operation and reduced fuel combustion.

**Capacity: 2-16 TPH**

**Pressure Range: 10.54, 17.5, 21 Kg/cm<sup>2</sup>**

### **Features:**

- High thermal efficiency and low operating costs
- High Heat Transfer Area
- Minimum site work, low installation costs
- Easy access for cleaning and inspection
- Low Stack Temperature
- Low Fuel Consumption
- Longer Life and reliable performance
- High Steam & Water Storage
- The higher degree of Equipment's Reliability

Our every endeavour has been to offer quality products with World Class Leading Edge Technology and Energy Efficiency. This has been time and again proved by all our installations and the repeat orders given by our discerning and esteemed clients.



## WHY CHOOSE US?

We at BEST BOILER, working on customized, efficient combustion and heat recovery based boiler with fast and optimum service support in the market. It encourages us to deliver world class and highly efficient boilers to our valued customers with best sale and service support. Over the period of decade, we have achieved so many milestones to make our customer satisfied in boilers industry across the nation. We are manufacturing boilers with latest combustion technology like Fluidized bed Combustion, Reciprocating Grate Combustion, Fixed Grate Combustion and Bubbling Bed Combustion.

Due to our commitment of Quality, Delivery, Performances and Services, company has received appreciations and acceptance from all small to big manufacturing units. These awards and customer's encouragements helped us in building one of the trustable and recognized boiler brand across the nation.

### **Our Engagements:**

- We provide accurate technical guidance to our customers.
- We always used best quality Raw material to make our boilers more efficient.
- We have best manufacturing practices in industrial boiler industry.
- We are providing one of the world class engineering to our boilers.
- We inspect each of boilers very closely to work with high efficient.
- Our engineers are always ready to ensure our customer 24x7 after sales service support.

As far as quality is concerned, we are working on assurance standards to cater best quality raw materials to final dispatches. Now we are growing with leaps and bounds with the support of our customers, manufacturing unit, our dedicated service teams and our trustworthy vendors. We will continue working on customer satisfaction through Quality, Performance and Superior Service support.

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# BESTPAC BENEFITS

BESTPAC Boiler is a unique design membrane water wall type boiler combining the advantages of water tube & smoke tube designs. The radiation zone of the furnace is covered on three sides by water tubes forming the first pass and the conventional smoke tube shell has tubes lined up forming the second and third pass of flue gases. Thus, the water wall furnace recovers the radiation heat of the furnace and the smoke tube shell provides large water & steam holding capacities to give the maximum advantage.

## Working Principle:

The filling of the boiler is done through a feed pipe connection. This water flows through the water wall membrane. It circulates the water from the water wall membrane to pressurized part of the boiler. As firing is done it raises the temperature of water of water wall membrane, it goes through the perforated pipe and mixes with water which is present in the pressurized part of the boiler. The smoke is emitted from flames and flow through the smoke tubes. The pressure part is full of water. When the temperature of the smoke tubes raises, there is the formation of steam in the top space of the boiler. Steam is collected through the steam outlet. Man Hole is given for cleaning purpose.

## Advantages

- The flexibility of fuels with choice of agro waste fuels.
- High thermal efficiency and low operating costs.
- Minimum Choking hence Lower Cleaning Frequency.
- Optimum resistance of flue gas path.
- Heat recovery unit may be offered for increased efficiency.
- High quality electrical components.
- Centralized control unit and electrical control panel.
- Automatic water level control and safety systems.
- Combines the advantage of water tube and smoke tube designs.
- Dependable quality of components like valves, pumps, safeties & instruments.
- Energy-efficient components of reputed brands.
- Very High THERMAL EFFICIENCY due to efficient Combustion & Minimum Radiation Losses.
- Minimum usage of Refractory in Furnace hence Lower Maintenance Minimum Air Leakage.
- Easy in Operation, Maintenance & Cleaning.

## OPERATIONAL VIEW OF BESTPAC INDUSTRIAL WATER -CUM- SMOKE TUBE WATER



## Multiple Fuel Combination



## Combination Fuel





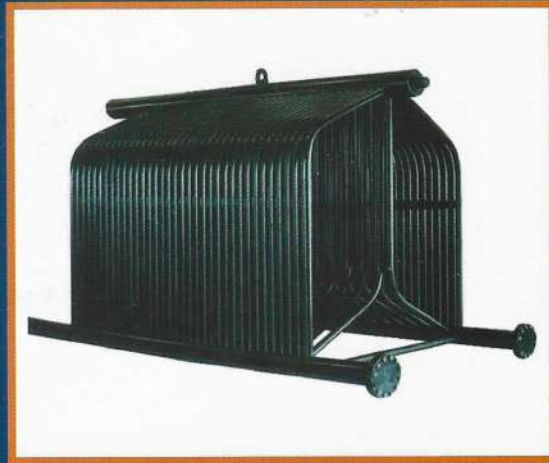
# Spares & Accessories



**ID Fan**



**Economizer**



**Water Wall Panels**



**Cyclone**



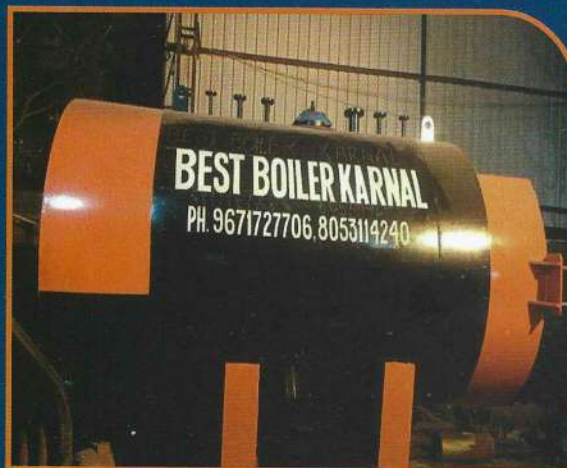
**Pressure Reducing Station**



**Steam Header**



# Some Our Best Installation







## OUR ESTEEMED CUSTOMER

- Ekveer Agro Food, Karnal, Haryana (6 TPH)
- Hansraj Industries, Karnal, Haryana (6 TPH)
- Luxmi Dooj, Ludknow, Uttar Pardesh (6 TPH)
- Krishan Kumar Enterprises, Pehowa, Haryana (6 TPH)
- Parth Food, Karnal, Haryana (6 TPH)
- Shri Giriraj Overseas, Karnal, Haryana (6 TPH)
- Hanuman Food, Karnal, Haryana (6 TPH)
- Santosh Agro Food, Kurukshetra, Haryana (6 TPH)
- Ridhi Vinayank, Kaithal, Haryana (6 TPH)
- T.R.J. Industries, Gawalior, Madhya Pardesh (8 TPH)
- Kissan Rice Mills, Bihar (3 TPH)

GET IN TOUCH



## BEST BOILER

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