



**BELLFABS**

**BOILERS**

**Designing Technology  
Assuring Quality**

## BELLFABS Boilers

BELLFABS is a leading Engineering & Manufacturing company, One of the pioneers in Manufacturing of STEAM BOILER, HIGH PRESSURE VESSELS, HEAVY STEEL STRUCTURALS, PIPING AND HEAT EXCHANGER. It is established in the year 1984. We are certified ISO 9001:2008 in the year 2004. And IBR approved Steam Boiler Manufacturers, and General Fabrications. BELLFABS is experienced in steady growth since its inception and also looking to expand its presence in other states and countries. BELLFABS is located at BHEL Ancillary Estate, Ranipet, Vellore Dist. Managed by highly experienced team of skilled engineers.

### Services

- ▶ Boiler upgradation - Revamping
- ▶ Troubleshooting (any make)
- ▶ Customer training
- ▶ Operation & maintenance
- ▶ Recommissioning & Repair service

### Customer Benefit

- ▶ Improvement in efficiency
- ▶ Best resourced service provider for boilers & accessories
- ▶ Better Boiler Life

## Packaged Steam Boilers

We are offering a wide range of PACKAGED STEAM BOILERS to all our customers worldwide. Boilers are three pass fully wet back packaged boilers equipped with Stationery Grate, Fluidized Bed Plate Traveling Grate and monobloc burners to deliver high combustion and thermal efficiencies. Designed to fire solid fuels, liquid & gaseous fuels, the most common being coal, ricehusk, wood chips, Wood logs and Cashew nutshell, furnace oil and natural gas.

### Features

- ▶ 3 pass fully wetback design
- ▶ A complete automatized boiler
- ▶ Ash collection pit is installed
- ▶ Fuel feeding manual and automatic
- ▶ Maximum efficiency
- ▶ Better Reliability



### Boiler Parameters:

Type	: Three pass horizontal Multi tubular fully wetback packaged boiler
Design	: Approved by INDIAN BOILER REGULATIONS (IBR)
Capacity	: 500 kg/hr to 6000 kg/hr
Working Pressure	: 10.54 kg/cm <sup>2</sup> 14.5kg/cm <sup>2</sup> 17.5 kg/cm <sup>2</sup> 21 kg/cm <sup>2</sup>
Fuel	: Coal, Oil, Natural Gas, Biogas, Low Heat Gases, Bagasse, Husk, Palm Fiber, Wood, Empty Fruit Bunch, Agro waste variety of Biomass fuels, Wood Waste, Briquette, Cashew nutshell

## Combo Boilers

We are offering a wide range of COMBO BOILERS to all our customers worldwide. In contrast to its internal construction, which includes a shell & tube Unit and small diameter tubes, the Combo boiler is used to generate steam mainly for the process applications.

## Features

- ▶ Oil / Gas burning Facility.
- ▶ Low excess air.
- ▶ Quick response to load change.
- ▶ Multi fuel simultaneous Firing.
- ▶ Continuous ash discharge.
- ▶ Easy maintenance.
- ▶ High Thermal Efficiency
- ▶ Lower initial investment
- ▶ Requires shell tube cleaning once in every 3 to 4 Weeks for a period of maximum 4 hours



## Boiler Parameters:

Type	: COMBO BOILERS (Combination of fire tubes and water tubes)
Design	: Approved by INDIAN BOILER REGULATIONS(IBR)
Capacity	: Upto 25000 kg/hr
Working Pressure	: 10.54kg/cm <sup>2</sup> to 21.0kg/cm <sup>2</sup>
Fuel	: Agro Waste/Bio Mass like wood chips, Bagasse, Saw Dust, Coconut Shells, Ground Nut Shells, Rice husk, Coffee Husk, Palm Shell, Cotton Waste etc.

## Water Tube Boiler / Bi Drum

We are offering a wide range of WATER TUBE BOILERS (SINGLE DRUM / Bi DRUM) to all our customers worldwide. In contrast to its internal construction, which includes a small steam drum and small diameter tubes, the water tube boiler is used to generate steam having high pressure and temperature. These small internal parts produce high volume steam for high capacity applications.

## Features

- ▶ Quick and easy ash removal.
- ▶ Oil / Gas burning Facility.
- ▶ Low excess air.
- ▶ Quick response to load change.
- ▶ Multi fuel simultaneous Firing.
- ▶ Continuous ash discharge.
- ▶ Easy maintenance.
- ▶ High Thermal Efficiency



## Boiler Parameters:

Type	: BI DRUM top supported/ single drum top supported/ bi drum horizontal type
Design	: Approved by INDIAN BOILER REGULATIONS(IBR)
Capacity	: Upto 10000 kg/hr
Working Pressure	: 10.54kg/cm <sup>2</sup> to 67.0kg/cm <sup>2</sup>
Fuel	: Agro Waste/Bio Mass like wood chips, Bagasse, Saw Dust, Coconut Shells, Ground Nut Shells, Rice husk, Coffee Husk, Palm Shell, Cotton Waste etc.

## Our Clients



## Our Global Presence



Nigeria



Kenya



Bangladesh




Sri Lanka

## BELLFABS

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