

SOILD FUEL FIRED HORIZONTAL
HOT WATER GENERATOR



SALIENT FEATURES

- Three pass fully wet back design.
- Shell and Tube type.
- Airpreheater for better efficiency.
- Multifuel option.
- Easy Maintenance.
- Available in Pressurized and Atmospheric type.
- Temperature from 35 Deg C to 180 Deg C.
- Easy Installation.
- Available from 6,00,000 to 40,00,000 Kcals.



SOUTHERN BOILERS AND EQUIPMENTS PVT LTD

THREE PASS MULTIFUEL FIRED
HOT WATER GENERATOR

1. DUCTS
2. DUST COLLECTOR
3. DUCTS
4. OUTLET HEADER
5. COIL
6. OUTER SHELL
7. FURNACE
8. CIRCULATING PUMP
9. I.D. FAN



SALIENT FEATURES

- Vertical Package construction.
- Large grate area and higher Furnace Volume.
- Multi Fuel Arrangements.
- Quick Ash Removing System.
- High heat transfer rate and less soot deposition due to optimum velocity of flow of flue gas.
- Safety interlocking system.
- 50,000 Kcal/hr to 10,00,000 Kcal/hr.

SALES & SERVICE

We assist you in the selection of the correct size of boilers, boiler house layout, supply and erection of complete boiler house auxiliaries, supply of spares as well as commissioning and advising on the maintenance and operation of your boiler.

A fully trained and competent team of service engineers are available whenever necessary at all our Branches. All our branches are well Equipped with essential instruments, Tools and spares required for a variety of maintenance and repairs.

SALES & SERVICE NETWORKS

Madurai, Thirupur, Mumbai, Surat, Delhi, Columbo, Cochin, Davangere, Hyderabad, Bangalore, Kolkatta and Sharjah

SOUTHERN BOILERS AND EQUIPMENTS PVT LTD

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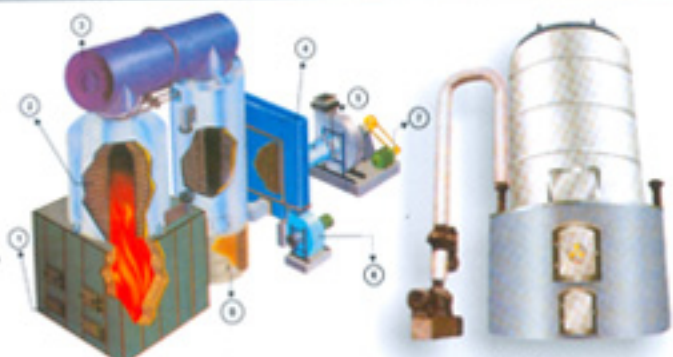
COMPANY PROFILE

We are one of the leading boiler manufacturers from India located in the southern part of India at Chennai. The company SOUTHERN BOILERS AND EQUIPMENTS PVT LTD was established in the year 1995, by engineers having experience in the field of heating systems for more than 30 years among them, in various functional areas like Designing, Manufacturing, Marketing and after sales servicing.

The company has its manufacturing facility situated at Kakkalur, about 40 Kms from Chennai. The company has got all modern machines and is implementing ISO 9000 QMS. The company has got sales and service offices at Bangalore, Kochi, Hyderabad, Coimbatore, Madurai, Sri Lanka and in Sharjah.

The main strength of the company is its flexible approach in offering its customers what they need. As per the customer's requirement the design engineers of the company offer solutions. Also understanding the customers needs during discussions and offering the right product to them is also considered one of the main strength of the company. Quality is given utmost importance and all the process are so designed that the quality is ensured in the process itself.

THREE / FOUR PASS MULTIFUEL FIRED - THERMIC FLUID HEATER



SALIENT FEATURES

- Vertical Packaged Construction.
- Large grate area and higher Furnace Volume.
- Multi Fuel Arrangements.
- Quick Ash Removing and Handling System.
- High heat transfer rate and less soot deposition due to optimum velocity of flow of flue gas.
- Safety interlocking system.
- 3lac Kcals/hr to 40lac Kcal/hr.

1. FURNACE
2. RADIANT HEAT EXCHANGER
3. REFRACTORY DUCT
4. CONVECTIVE HEAT EXCHANGER
5. AIR PREHEATER
6. F.O. FAN
7. I.D. FAN
8. ASH SETTLING CHAMBER

THREE PASS, OIL FIRED THERMIC FLUID HEATER



SALIENT FEATURES

- Fully Automatic.
- User friendly control panel.
- Compactness and High efficiency.
- 50,000 Kcals/hr to 30,00,000 Kcals/hr, Stream temperature up to 360 c.

THREE PASS, OIL FIRED THERMIC FLUID HEATER



SALIENT FEATURES

- Fully automatic.
- User friendly control panel.
- High efficiency.
- Compact.
- High quality coils.
- High overall quality.
- 1,00,000 Kcals/hr to 40,00,000 Kcals/hr.

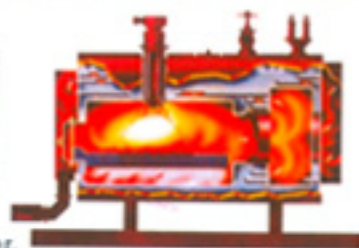
THREE PASS, OIL FIRED HOT WATER GENERATOR



SALIENT FEATURES

- Fully Automatic.
- User friendly control panel
- Compactness and High efficiency.
- 50,000 Kcals/hr to 30,00,000 Kcals/hr.
- Hot water temperature 35 c° 180 c
- Pressurized/ atmospheric.

THREE PASS PACKAGED WETBACK BOILERS HUSK - COCONUT SHELL



SALIENT FEATURES

- Horizontal packaged boiler.
- 3-pass fully wet-back construction.
- Automatic fuel feeding.
- Integral furnace - minimum heat loss.
- Easy access for inspection and cleaning.
- Specially designed heat resistant Cast Iron fire bars.
- 1TPH to 5 TPH, pressure and temperature as per customer's requirement.

PACKAGED THREE PASS WETBACK BOILERS OIL FIRED * GAS FIRED * OIL CUM-GAS FIRED



SALIENT FEATURES

- Shell duly insulated and clad.
- Manhole with cover.
- Explosion relief door.
- Ladder, platform.
- Lifting lugs.
- 200 Kgs/hr to 25,000 Kgs/hr, Pressure and temperature as per customer's requirement..

THREE PASS, OIL FIRED NON - IBR STEAM BOILER



SALIENT FEATURES

- Compact Design.
- Fully Automatic.
- Exempted From IBR.
- Fitted with all Safety Instruments.
- Instant Steam Generation.
- Higher Efficiency.
- Easy to Operate.
- 50 Kgs/hr to 1000 Kgs/hr, Pressure temperature as per customer' requirements.

THREE PASS, PACKAGE WATER CUM SMOKE TUBE BOILER



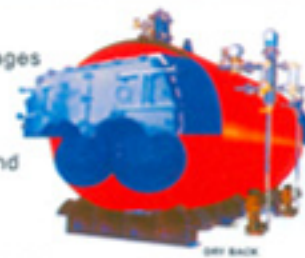
SALIENT FEATURES

- Multi Fuel option Viz. Wood, coal, Agro wastes, paddy husk, saw dust, DOB & bri-quetted fuels.
- Large steam space ensure dry steam.
- Three passes optimum heat recovery.
- Easy access for inspection and cleaning.
- Lowest operating cost coupled with trouble free operations and long life.
- 1TPH to 10 Tph, from 10. 5,kgs/cm2 to as per requirement, steam temperature up to 400 c.

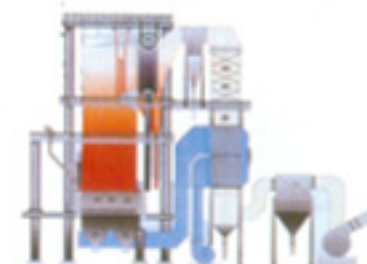
THREE PASS PACKAGED STEAM BOILER - SOLID FUEL FIRED

SALIENT FEATURES

- Factory assembled horizontal packages boiler.
- Less site work and immediate commissioning.
- Suitable for coal, wood, briquette and agro waste fuels.
- Manual firing less complexity.
- Large integral furnace.
- Induced draught fan facilities fuel feeding and de-ashing without interruption.
- Three passes optimum heat recovery.
- End to end visibility of tubes.
- Easy access for inspection and cleaning.
- Large heating surface area.
- More steam space.
- 400 Kgs/hr to 6000 kgs/hr, pressure and temperature as per customer's requirement.



WATER TUBE BOILER



SALIENT FEATURES

- Bi/single drum design.
- Membrane wall furnace construction.
- Reciprocating grate, dump grate or chain grate, depending on customer preference.
- Fluidized bed boilers are also available on specific client request.
- 5 TPH to 100 TPH, pressure as per requirement, Steam temperature upto 500 c, Agro Waste/Biomass, liquid and gas.