

SMALL INDUSTRIAL STEAM BOILER (SIB)



SALIENT FEATURES

- ◆ Design as per IBR
- ◆ Proven Design / Fully Automatic
- ◆ Capacity - 200 - 500 Kgs / Hr
- ◆ Two Pass design with Built in Economizer
- ◆ Maximum Operating Pressure - 7.0 kgs / Sq.Cm
- ◆ Designed for Consistent Efficiency of 70%
- ◆ Suitable for Multi Fuels - like Fire Wood / Briquette / Coal

MULTI FUEL



Imported Coal



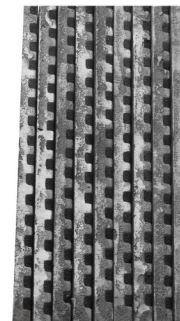
Wood Logs



Wood Chips



Biomass Pellets



Special Multi Fuel Bar



Stationary Grate

CONDENSATE PUMP



SALIENT FEATURES

- ◆ 100% Recovery of Flash Steam & Condensate Water
- ◆ Ensure no fluctuations in Steam
- ◆ Reducing Fuel consumption up to 40%
- ◆ Reducing Soft Water Consumption
- ◆ Less maintenance of Water Treatment Plant
- ◆ Reduce the Blow Down (better-feed water quality)

DIFFERENT TYPE OF COMBUSTION - OPTIONS

MAXSTEAM

FULLY AUTOMATIC SOLID FUEL FIRED IBR STEAM BOILER



Capacity Range
300 kgs/hr to 6000 kgs/hr

Standard Operating Pressure
10.54, 14.5, 17.5, 21.0 & 24.0kgs / sq.cm

MORE THAN DECADE IN PROCESS HEAT
ENERGY

FULL FLEDGED SALES AND SERVICE NETWORK
IN INDIA & ABROAD

Erode - Madurai - Tirupur - Trichy - Bangalore - Cochin - Hyderabad - Mumbai
New Delhi - Kolakatta - Pune - Bhubaneswar - Burdwan - Kolkata - Raipur - Guwahati - Vizag
Srilanka - Myanmar - Malaysia - Bangladesh - Thailand - UAE



AN ISO 9001: 2015 CERTIFIED COMPANY

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PIONEERS IN ENERGY AND ENVIRONMENT

Maxtherm having a 20 years experience in Process heat. Maxtherm India an ISO 9001 Organisation has a strong manufacturing Set-up for manufacturing Biomass or solid fuel fired Boilers. Maxtherm India has unique heating solutions for maximisation of waste heat recovery i.e for utilisation of combustible waste solids or gases.

Maxtherm India is one of the pioneers in reaping Energy from waste. Solid, Liquid or Gaseous form of wastes like Biomass Pellets, Refuse derived fuel, Pet Coke etc., are used to generate diverse range of energy solution. The source of Energy in these by products or wastes is quiet substantial and can be harnessed to provide process heating demands.

MANUAL FEEDING MULTI FUEL FIRED AUTOMATIC STEAM BOILER



SALIENT FEATURES: SHELL AND TUBE HORIZONTAL MULTI TUBULAR BOILER

- ◆ Three pass Fully Wet back Integral Furnace Packaged Steam Boiler.
- ◆ Ensures High Efficiency. ◆ Less Foot Print. ◆ Minimum Site Work.

SAFETY INTERLOCKS:

- ◆ Two nos. safety valve to operate the boiler safety
- ◆ High steam pressure cut-off through pressure switch.
- ◆ Two nos. of fusible plug at rear tube sheet & IRC for highest safety.
- ◆ Mobrey with 3 switches to have signal for automated feed pump ON/OFF operation and fan cut off.

TWIN FURNACE SOLID FUEL STEAM BOILER



SALIENT FEATURES:

- ◆ Three pass fully wet back design
- ◆ Twin furnace designs.
- ◆ Capacity - 4000 Kgs / Hr to 6000 Kgs / Hr
- ◆ Maximum Operating Pressure - 10.54 / 14.5 / 17.5 kgs / Sq.Cm

TWIN FURNACE LAYOUT

