

Boiler Side View



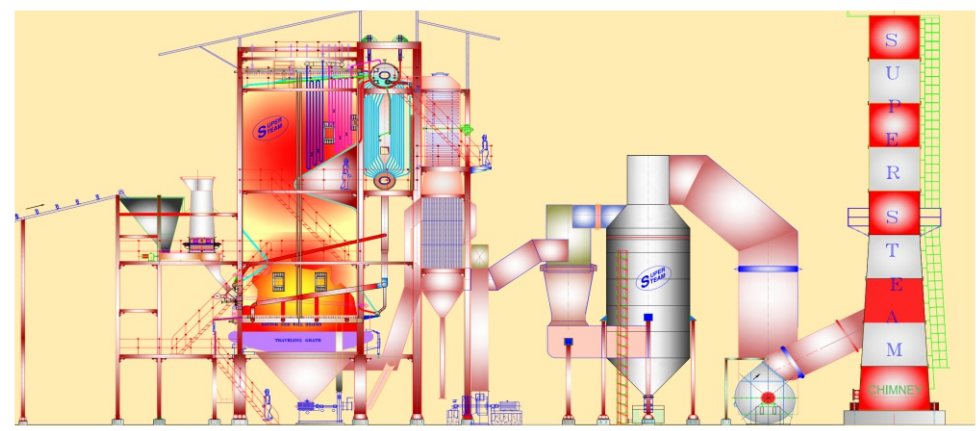
Sugar Plant



Boiler Front View



50 TPH At 45 Kg/cm² TEMP - 500°C (Vithal Sugar)



Our Range Of Main Products



1. WATER TUBE HIGH PRESSURE STEAM BOILERS CAPACITY UPTO 150 TPH FOR PROCESS INDUSTRY AND ALSO FOR POWER CO-GENERATION PRESSURE UP TO 110 KG/CM2 AND SUPERHEATER TEMPERATURE UPTO 540°C BASED ON MULTI FUEL BAGASSE, HUSK, AGROWASTE, PALM FIBRE/ SEEDS, COAL ON FURNACE GRATES LIKE CHAIN GRATE STROCKER, DUMPING/ PULSATING GRATE, FBC/AFBC ETC.



2. WATER TUBE/ 'D' TYPE BOILERS UPTO 25 TPH ON OIL/GAS OR MULTIFUEL & FBC FOR COAL/ RICE HUSK// LIGNITE ETC.



3. PACKAGED SHELL SMOKE TUBE, THREE PASS WET BACK BOILERS ON OIL / SOLID FUEL OR MULTIFUEL OR DUEL FUEL UPTO 20 TPH CAPACITY.

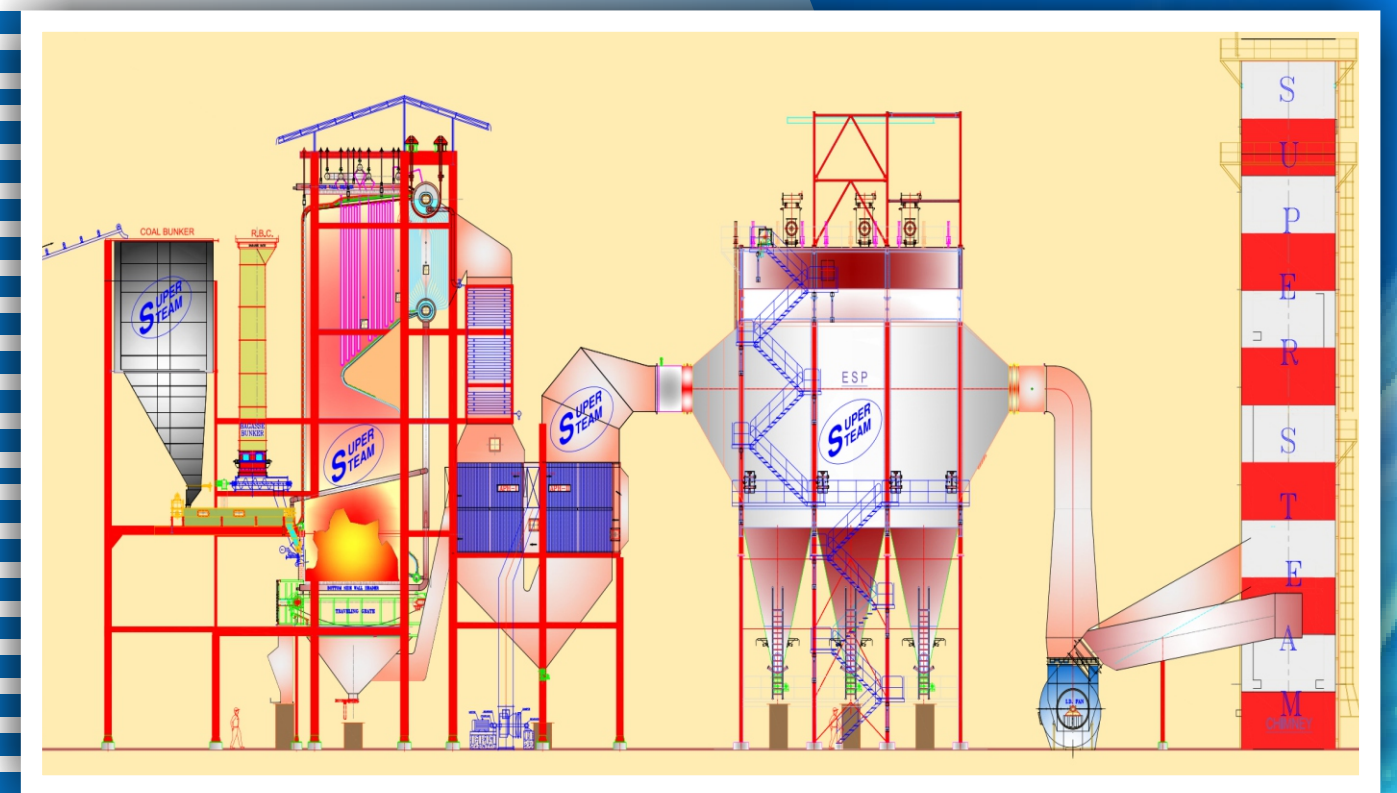
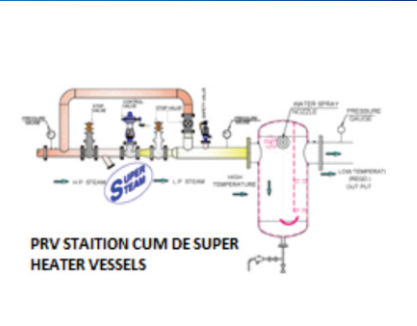
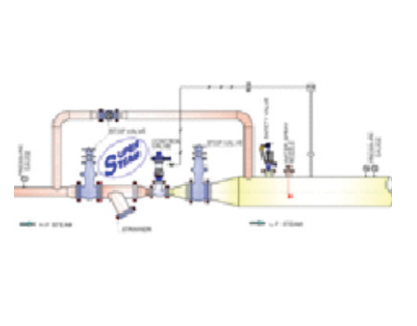
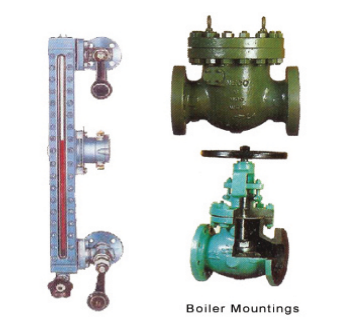
4. COMPOSITE INBUILT WATER TUBE FURNACE TYPE SOLID FUEL BOILERS UPTO 20 TPH AT 21KG/CM2 SUITABLE FOR AGROWASTE AND FBC FURNACE FOR FUEL RICE HUSK, COAL ETC.

5. SUPPLY OF BOILER PRESSURE PARTS LIKE SUPER HEATER, ECONOMISERS, DRUM INTERNALS, BEND TUBES, AIR HEATER, DUST COLLECTORS - WET SCRUBBER, MDC, ESP, STEAM PIPING, PRV & PRDS ,PIPING ETC.

6. BOILER AUTOMATION LIKE PLC/DCS,THREE ELEMENTS LEVEL CONTROLLER, ATTEMPERATOR SYSTEM, SAFETY INSTRUMENTS, BOILER VALVES, SOOT BLOW VALVES, MOBREY CONTROLLER, STEAM SEPARATOR/STRAINER, SAFETY VALVES, LEVEL GAUGES, FORGED PIPE FITTINGS, FLANGES, ETC.

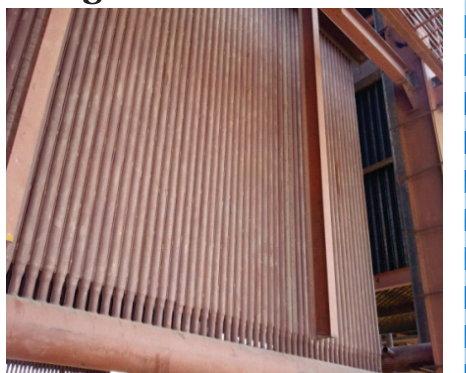
7. STEAM GENERATOR , BABY BOILER, DEARATOR / CBD TANKS, HEAT EXCHANGERS, H.P.HEATERS ,STERILIZER ETC.

8. MODIFICATION & UPGRADE OF EXISTING BOILERS FOR HIGHER CAPACITY, FUEL EFFICIENCY & TO SOLVE EXISTING PROBLEM OF STEAM GENERATION AND IMPROVE S.H. TEMP. & ANY KIND OF BOILER MODIFICATION.



70TPH At 78 Kg/cm² Temp - 510°C ± 5°C (M/s. Sadguru Sugar)

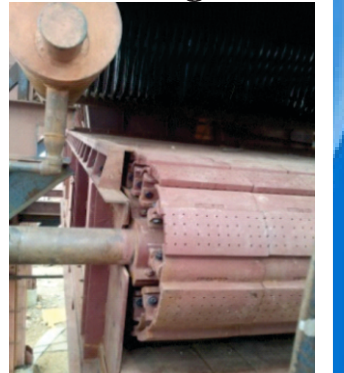
Tangent Membrane Wall



DCS Panel



Travelling Grate



SUPER STEAM BOILER ENGINEERS PVT. LTD.

Plot No. A-402, TTC Industrial Area MIDC Mahape
Navi Mumbai - 400 710 (India)

Call : +91 22 41412121 / 27781445
Fax : +91 22 4141 2122 / 27782747

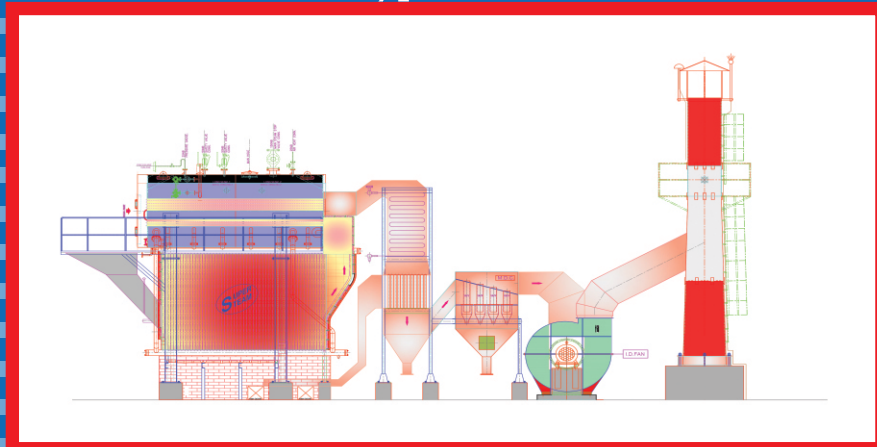
Email Us: supersteamboiler@yahoo.com / info@supersteamboilers.com
www.supersteamboiler.co.in / www.superboilerindia.com



SUPER STEAM BOILERS



Combi Type Boiler



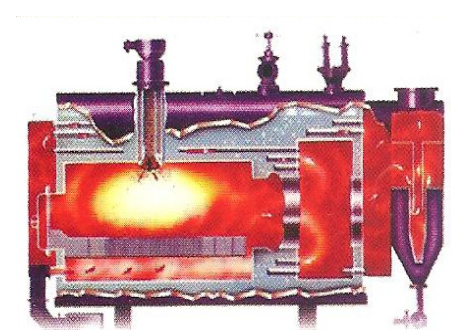
4TPH Oil Fired Boiler



Solid Fuel Boiler



Solid Fuel Boiler



4-2 TPH DUAL FIRE



3 TPH Solid Boiler



6 TPH 'D' Type Boiler



Coal Fire Boiler



Oil Fire Wet Back Boiler



MCB Panel



Turbine



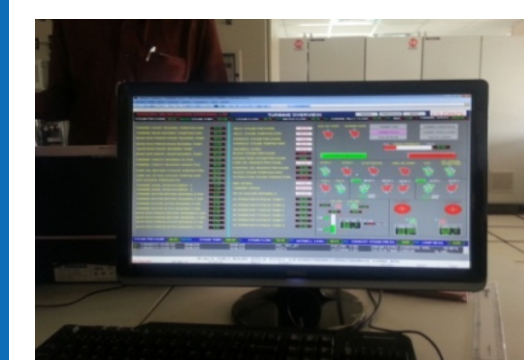
70 TPH SWAS Panel



90 TPH DCS Panel



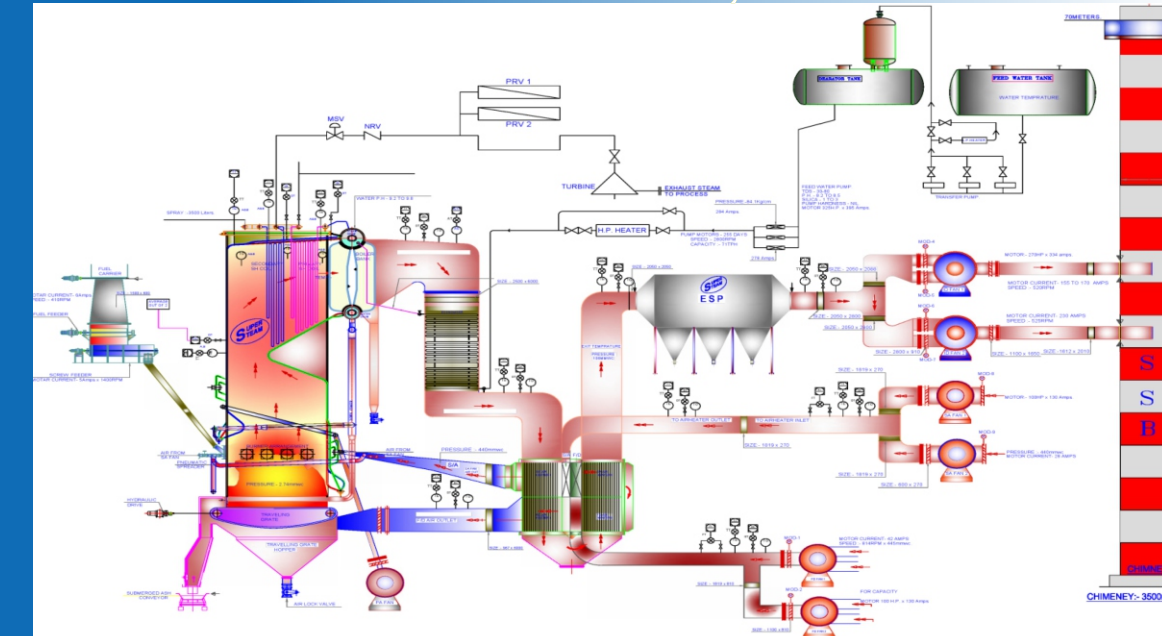
DCS Control System



70 TPH Online



70 TPH Auto DCS System



WATER TUBE BOILERS

About us

SUPER STEAM BOILER ENGINEERS PVT. LTD. We are in the field of Industrial Steam Boilers since 1978, the company stewardship made steady progress in making small boilers to large boilers capacity upto 150TPH. Our multifuel modified designs are suitable for any Solid / Agrowaste fuel, save steam generation cost. Our many High Pressure Boilers are working in power co-generation plants.

We manufacture Water Tube Boilers capacity from 5 TPH to 150TPH & Pressure from 21 Kg/cm² to 105 Kg/cm², S.H. Temp. up to 540°C as per client requirement.

We design boiler furnace zone as per Tangent membrane wall type with Large Volume for Complete Combustion of Fuel & Peak Steam demand as per process.

We Design furnace fine grates for Multifuel like Travelling or Pulsating Grates, Multifuel like Bagasse, Wood, Rice Husk, Palm Fiber, Coal etc. also Provision with Bio-gas firing arrangement to achieve Low Steam generation cost.

We provide full Automation in boiler like DCS, PLC, Three Element level Control System, Temp. / Draft, Drive with VFD to achieve Combustion Control & Safety.

We also supply fluidized bed combustion HP boilers (FBC / AFBC) with bed evaporator tube coils suitable on Coal, Rice husk etc.

We supply Heat Recovery unit like Economiser & Air Pre Heaters.

We Provide ESP, Wet-Scrubber, Bag Filter, for Dust collection as per pollution control rules.

We also provide Retractable / Rotary Soot Blow Valve arrangement for on line dust cleaning system to improve boiler efficiency

PACKAGE TYPE BOILERS

PACKAGE TYPE BOILERS

Unique Feature of Package Boilers.

Our Boilers Designed & manufacture as per IBR/BS/ASME Codes.

Designed to operate on all grade of fuels like LDO, Natural gas, Furnace Oil and Waste mix oil. Also on solid fuels like Coal/Wood/ Agrowaste etc.

Design of heat transfer in radiation chamber generously sized to improve high residence time, turbulence of furnace gases achieve maximum volumetric heat release rate & no loss of heat due to reversing chamber, also tubes are designed to absorb maximum heat will improve fuel efficiency & saving in Steam generation cost.

Boilers are of fully welded class I construction, with 100% radiography of longitudinal and circumferential seams. Stress relieve after welding hydraulically tested as per the latest codes.

Power Co-generation by providing super heater independently, Provided between the 2nd & 3rd passes to achieve Power in our Inbuilt combi boilers. Boilers are Fully Automatic with Burner & Panel for safe Operation & Safety.

Designed to give full load efficiencies as per NCV of fuel use i.e. 89% ± 2% on Oil, 87% ± 2% on Gas and 78% ± 2% on Coal/Briquette/ Agrowaste.

Package unit easy in installation & maintenance

