

OTHER OFFERINGS

CPP / IPP

- Powerpac Boilers
 - Atmospheric Fluidized Bed Combustion Boiler (AFBC)
 - Travelling Grate/ Dumping Grate/ Pulsating Grate/ Reciprocating Grate Boiler
- Waste Heat Recovery Boiler (WHRB)

Process Industrial Boiler

- Hypac- AFBC
- Energypac- Grate Fired
- Energypac Plus/ Effypac – Manual/ Auto Fired
- Oilpac / Gaspac

Retrofit & Spares

- Spares for Boiler Pressure Parts/ Non Pressure Parts
- Spares for Fuel Feeding Systems
- Centrifugal Fans and Spares
- Structures
- Autoclave Heating Units
- Boilers Services
 - Annual Service Contract
 - Engineering and Operation audit of Boilers
 - O&M Services
 - RLA/ Health audit of Boiler
- Pollution Control Equipment's
 - Electrostatic Precipitators (ESP)
 - Bag Filter
 - Cyclones
 - Wet Scrubber

CBL quality standards are inspected and certified by prestigious global agencies like:



CHEEMA BOILERS LIMITED

HEAD OFFICE :

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WORKS :

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Tel: +91-160-5005 800-02

SALES & SERVICES OFFICE :

Delhi NCR | Ahmedabad | Mumbai
Kolkata | Vijayawada | Chennai

Certifications and Accreditations

- ISO 9001:2015
- ISO 14001 : 2015
- ISO 45001:2018
- ASME 'U' Certificate:**
Manufacture Pressure Vessels
- ASME 'S' Certificate:**
Manufacture & Assembly of Power Boilers
- ASME 'H' Certificate:**
Heating Boilers except cast iron and cast aluminium

Zero Effluent Discharge

Spent Wash/
SLOP FIRED
BOILER

From the
Pioneers & Leaders
in Slop/Spent Wash
Fired Technology

About CBL

- Cheema Boilers Limited (CBL) has made a mark for itself in the last three decades by manufacturing premium range Boilers and allied products for clients across the globe and maximising its reach worldwide.
- CBL stresses largely on promoting safe and efficient energy consumption in its mission of reducing the carbon footprint.
- The company offers a diverse range of Boilers capable of generating high steam along with fuel compatibilities attuned to the modern day industrial needs.
- CBL has commissioned over 2000 Boilers across India and overseas.
- CBL track record of path-breaking engineering, well-versed Project Management, Commissioning expertise and state-of-the-art manufacturing facilities enable the company to deliver the products of supreme quality.
- CBL operates with a large sales and service network covering entire India as well as many overseas locations.



CBL Benefits

- Design Capabilities – We have on board a team of over 400 Engineers who bring to the table both functional and technical knowledge along with an inimitable expertise.
- In-house manufacturing capability:
 - Manufacturing facilities spread across 1,00,000m²
 - Equipped with World class machinery and automation
 - Advanced laboratory for material testing
 - In house Electric Panel bay
 - Fans designed and manufactured as per Air Movement and Control Association (AMCA) standard
 - Diligent Field Quality Assurance team to certify top erection quality at the construction sites
 - Strictly practices Quality Assurance Plan (QAP) as per IBR/ASME
 - Follows internationally recognized operational practices and standards
 - Availability of critical/consumable spares in emergency
 - Product flexibility as per client requirement
 - Timely delivery
- Our decision making is fast with flattened hierarchy and resolves client's queries timely.

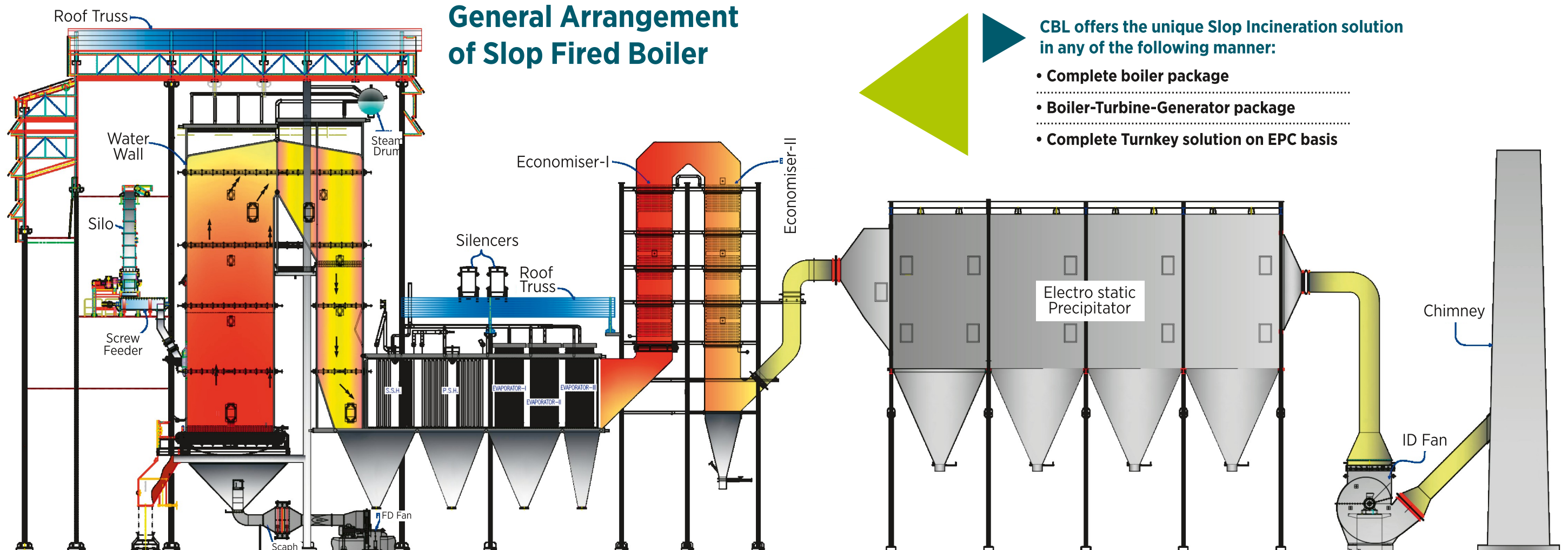


Spent Wash/ SLOPFIRED BOILER

Product Benefits

- Fuel flexibility: The boiler supports multiple fuels– Bagasse, Rice Husk, Wood Chips/other Biomass, coal etc.
- CBL offers a choice of Travelling Grate, Fluidised Bed Combustion technology as per fuel availability.
- Tall furnace with three passes to ensure low gas temperatures at the inlet of super heater and to avoid alkali depositions.
- Provision of deep penetration secondary air jets to ensure good mixing of volatiles and complete combustion.
- Specially designed German technology slop gun installed at adequate heights to ensure proper suspension firing and automation.
- Online cleaning mechanism for the slop gun has been provided along with the stand by nozzles to ensure uninterrupted boiler operation.
- Adequate soot blowers which include wall soot blower/ rotary soot blower/ retractable soot blower/ tumbling hammer for efficient online cleaning of heating surfaces depending upon the support fuel.
- The Ash generated from the boiler is potash rich and can be used as a fertilizer in fields.
- Specially designed Air Pollution control equipment (ESP and Bag Filters) to conform with the pollution norms.
- Minimum use of refractory eliminates the cumbersome maintenance.

General Arrangement of Slop Fired Boiler



CBL offers the unique Slop Incineration solution in any of the following manner:

- Complete boiler package
- Boiler-Turbine-Generator package
- Complete Turnkey solution on EPC basis



▶ **NSL Krishnaveni Sugars Ltd., Mahabubnagar (A.P)**
25 TPH, 65kg/cm², 485°C



▶ **A B Sugars Limited, Dasuya (Punjab)**
22 TPH, 45 kg/cm², 400°C



▶ **Vijaynagar Sugar Pvt. Ltd. , Hubli (Karnataka)**
32 TPH, 66kg/cm², 485°C



▶ **Sonasati Organics Pvt. Ltd., Gopalganj (Bihar)**
20 TPH, 45kg/cm², 400°C



▶ **Gujarat Ambuja Exports Limited, Chalisgaon (Maharashtra)**
55 & 35 TPH, 67 kg/cm², 500°C, AFBC Boiler



▶ **Shiraguppi Sugar Works Limited, Belgaum (Karnataka)**
100 TPH, 87 kg/cm², 515°C, TG Boiler



Superior Industries Limited (35 TPH, 45 kg/cm², 400°C, Bareilly (UP)
(Under final stage of Erection & Commissioning)