



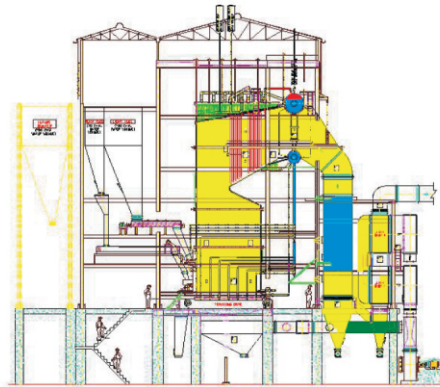
THERMODYNE TECHNOLOGIES

Excelling.. Steaming.. Solutions

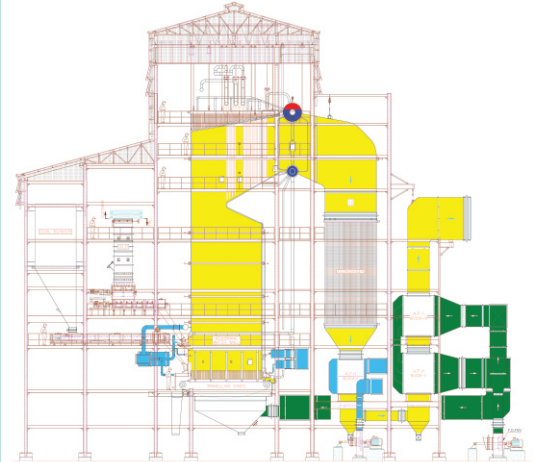


Water tube Boilers

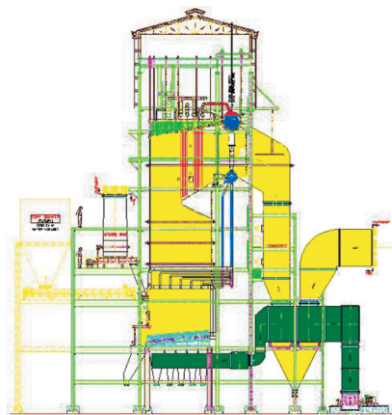
THERMODYNE has the COMPLETE range of modern, *State-of-the-art* technology for different types and configurations of Industrial Boilers.



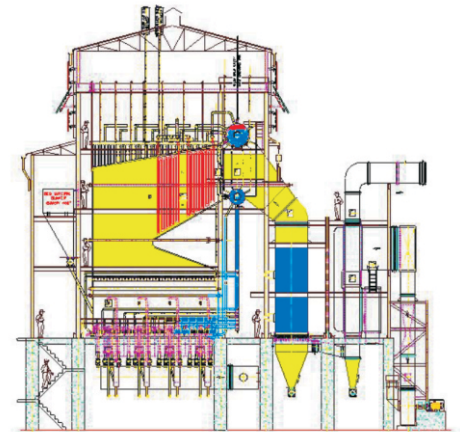
TYPE : Bi-Drum Top Supported
 CAPACITY : 45,000 Kg / hr.
 PRESSURE : 66 Kg/Sq.cm.(g)
 TEMPERATURE : 485 ± 5 Deg.C
 FUEL : Biomass



TYPE : Bi-Drum Top Supported
 CAPACITY : 140,000 Kg / hr.
 PRESSURE : 87 Kg/Sq.cm.(g)
 TEMPERATURE : 520 ± 5 Deg.C
 FUEL : Bagasse / Coal

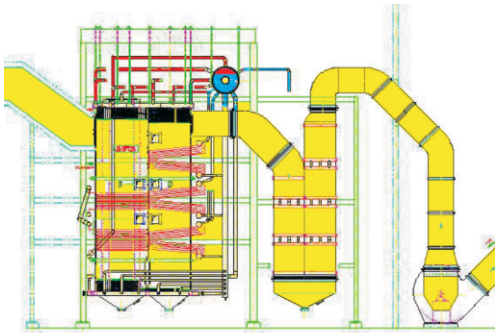


TYPE : Bi-Drum Top Supported
 CAPACITY : 100,000 Kg / hr.
 PRESSURE : 45 Kg/Sq.cm.(g)
 TEMPERATURE : 505 ± 5 Deg.C
 FUEL : Bagasse / Coal

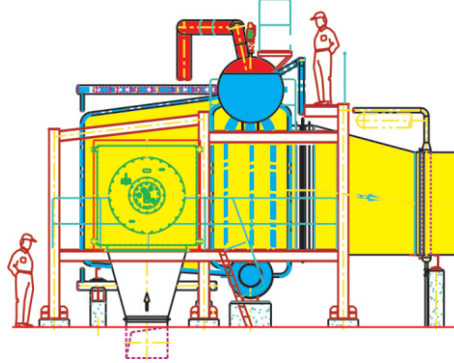


TYPE : Bi-Drum Top Supported
 CAPACITY : 45,000 Kg / hr.
 PRESSURE : 66 Kg/Sq.cm.(g)
 TEMPERATURE : 485 ± 5 Deg.C
 FUEL : Husk / Coal

Customer driven with User Specific Execution, THERMODYNE can offer **ONE-STOP-** Solution, judiciously tailored to suit the fuel and steam parameters.



TYPE : Single Drum Top Supported
 CAPACITY : 30,000 Kg / hr.
 PRESSURE : 52 Kg/Sq.cm.(g)
 TEMPERATURE : 430 ± 5 Deg.C
 HEAT SOURCE : Waste Heat



TYPE : Bi-Drum D-type
 CAPACITY : 45,000 Kg / hr.
 PRESSURE : 15.5 Kg/Sq.cm.(g)
 TEMPERATURE : 220 ± 10 Deg.C
 FUEL : Furnace Oil



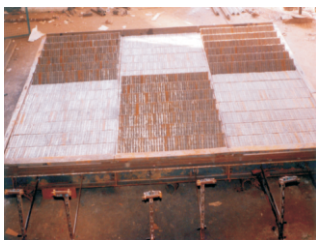
COMBUSTION SYSTEMS



TRAVELLING GRATE



FLUIDISED BED COMBUSTOR



DUMPING GRATE



RECIPROCATING GRATE

Core Competence

- In-depth expertise in basic Engineering of wide spectrum of steam generators.
- Extensive exposure and deep knowledge in fabrication Technologies.
- Comprehensive understanding of National and International Standards and Practices.
- Project Management skills for Turnkey Operations from concept to commissioning.

Products & Services

- Packaged Smoke Tube Boilers
- Water Tube Boilers
- Composite Boilers with Radiant Water Tube and Convective Smoke Tube.
- Heat Recovery Steam Generators - Water Tube and Smoke Tube
- Small Co-gen Systems.
- Heat Recovery Equipment -Air Preheater, Economisers, Feed Water Heaters
- Boiler Pressure Parts Spares like Superheaters, Economisers, Membrane Waterwalls, Boiler Bank Tubes.
- Pulverized Fuel Firing System.
- Thermic Fluid Heaters.
- Tubular Heat Exchangers.
- Hot Air/Gas Generators.
- Boiler up-gradation, Trouble Shooting.
- Turnkey Execution
- After Sales Service.

One - Stop - Shop for BOILERS

- *Bi -drum Water Tube, Shell & Tube, Compo*
- *Biomass, Bagasse, Husk Wood, Coal, Oil, Gas, Waste heat*
- *1000 Kg/hr to 150,000 Kg/hr*
- *7.0 Kg/sq.cm to 105 Kg/Sq.cm*



...Engineering

- Strong know-how and know-why.
- Computer Aided Design and drafting.
- Design optimizations.
- Customised Engineering.



...Manufacturing

- High Standards of tube / plate forming Technologies
- High Quality Welding Techniques



...Quality

- NDT/Hydrostatic Test.
- Third Party Inspection-National/International Agencies.
- Receipt, In-Process and Final Inspection through established Quality Control Procedures.
- Quality Assurance Surveillance.



...Installation

- Site Erection
- Site Management
- Field Quality Control



...Technology Export

- Uniquely positioned as **PRINCIPALS** to provide Boiler Technology to leading **OVERSEAS** Boiler Manufacturers in **MALAYSIA** and United States of America.
- Export of Boilers / Boiler Components to World Class Standards.

Group Companies

- ❖ THERMODYNE INDUSTRIAL PRODUCTS
- ❖ THERMODYNE TECHNOLOGIES PRIVATE LIMITED



**THERMODYNE
TECHNOLOGIES**

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