

Small Industrial Boilers



- Boilers are fabricated under the inspection of Indian Boiler Regulation (IBR)
- IBR approved boiler operator not required.
- Design as per chapter XIV of IBR.
- Ensures all safety as per regulation.
- Inspection every two years by IBR ensures safety of all working parts.

ABOUT OUR COMPANY

After celebrating 25 years of Excellence in Manufacturing of Boilers & its Accessories now the Third Generation is Expanding the Business in the Trajectory of Higher Growth.

Energypack has In-house team of Engineers to handle all the crucial functions like Design, Supply, Erection & Commissioning of the project on turnkey basis. In the light of the inherent strength of the company, we are confident of achieving the high standard of quality required for any project it executes.

VISION

"To design and offer across the globe an eco-friendly, energy efficient, maintenance free & technologically superior products with minimum inventory of spares."

MISSION

"We Strive for enhanced customer satisfaction by fulfilling all the business commitments like timely delivery, prompt after sales service and taking pride in getting repeat order from our valued clients."

GOAL

Our goal is to be truly unique in our ability to work with customers to provide indigenous product solutions at prices everybody can afford.

1. To achieve highest possible customer satisfaction, driven by honesty, integrity & commitment to excellence.
2. To provide fast, efficient, customized products that best suited to customer need.
3. To become the most trusted supplier in the industry.

Certifications



Third Party Inspection



Quality Policy

We at ENERGOPACK BOILERS PVT. LTD. are committed to Quality by :

Customer Driven

- To Satisfy our customer's needs and expectations on time.

Performance Focused

- Verify that our products and services meet agreed requirements
- Monitor, benchmark and continuously improve our business products and services, organization and employees performance

Quality Objectives

To Achieve Quality Policy Following Quality Objectives which are kept in Focus while Carrying out all our Activities.

Customer Centric

- To achieve customer satisfaction through data generated from the Customer Feedback received from consumer.
- Deliver products in time
- To increase customer Knowledge by providing information of our products
- To continuously improve the effectiveness of Quality Management System by relevant findings from Management review Committee Meetings



OIL/GAS FIRED HORIZONTAL SMOKE TUBE THREE PASS SMALL INDUSTRIAL BOILER

- ◆ Range 100 Kgs/hr to 600 Kgs/hr at 7 Kgs/cm. sq pressure & 165°C temperature.
- ◆ Efficiency 86 % +/- 2 % on NCV.
- ◆ Complete package unit ready to commission with fuel, power & utility connection.
- ◆ Factory tested for all guaranteed parameters.
- ◆ Standard proven user friendly design in the market for small industries.
- ◆ Both Indigenous & Imported burner option available.
- ◆ Complete skid mounted design.

MODEL NO.	CAPACITY	FUEL CONSUMPTION	
		OIL	GAS
EBPL-HSIB-100	100 Kgs/hr	6.2 Kgs/hr	7.5 Nm ³ /hr
EBPL-HSIB-200	200 Kgs/hr	12.4 Kgs/hr	15 Nm ³ /hr
EBPL-HSIB-300	300 Kgs/hr	18.6 Kgs/hr	22.5 Nm ³ /hr
EBPL-HSIB-400	400 Kgs/hr	24.8 Kgs/hr	30 Nm ³ /hr
EBPL-HSIB-500	500 Kgs/hr	31 Kgs/hr	37.5 Nm ³ /hr
EBPL-HSIB-600	600 Kgs/hr	37.2 Kgs/hr	45 Nm ³ /hr

LDO Calorific Value 10,250 Kcal/Kg

GAS Calorific Value 8500 Kcal/Nm³

OIL / GAS FIRED COIL TYPE SMALL INDUSTRIAL BOILER

- ◆ Range 100 Kgs/hr to 1200 Kgs/hr at 10.54 Kgs/cm. sq pressure (maximum upto 12 Kgs/cm. sq pressure) & Steam temperature of 185°C.
- ◆ Efficiency 88 % +/- 2 % on NCV.
- ◆ Complete package unit ready to use with fuel, power & utility connection.
- ◆ Factory tested for all guaranteed parameters.
- ◆ Coil type design very well accepted in the market for NON IBR steam boiler. NOW SIB boiler will have more water holding capacity & Larger coil pipe/tube diameter to avoid scaling problem.
- ◆ Dryness fraction of 96 % can be achieved with steam separator installed at the outlet of boiler.
- ◆ Instant steam generation within 3 minutes at full load.
- ◆ Skid mounted design fully automatic, with indigenous/imported burner option & user friendly.

MODEL NO.	CAPACITY	FUEL CONSUMPTION	
		OIL	GAS
EBPL-CSIB-100	100 Kgs/hr	6 Kgs/hr	7.2 Nm ³ /hr
EBPL-CSIB-200	200 Kgs/hr	12 Kgs/hr	14.4 Nm ³ /hr
EBPL-CSIB-300	300 Kgs/hr	18 Kgs/hr	21.6 Nm ³ /hr
EBPL-CSIB-400	400 Kgs/hr	24 Kgs/hr	28.8 Nm ³ /hr
EBPL-CSIB-500	500 Kgs/hr	30 Kgs/hr	36 Nm ³ /hr
EBPL-CSIB-600	600 Kgs/hr	36 Kgs/hr	43.2 Nm ³ /hr
EBPL-CSIB-800	800 Kgs/hr	48 Kgs/hr	57.6 Nm ³ /hr
EBPL-CSIB-1000	1000 Kgs/hr	60 Kgs/hr	72 Nm ³ /hr
EBPL-CSIB-1200	1200 Kgs/hr	72 Kgs/hr	86.4 Nm ³ /hr

MEMBRANE WALL DESIGN COAL / WOOD / BRIQUETTE FIRED THREE PASS SMALL INDUSTRIAL BOILER

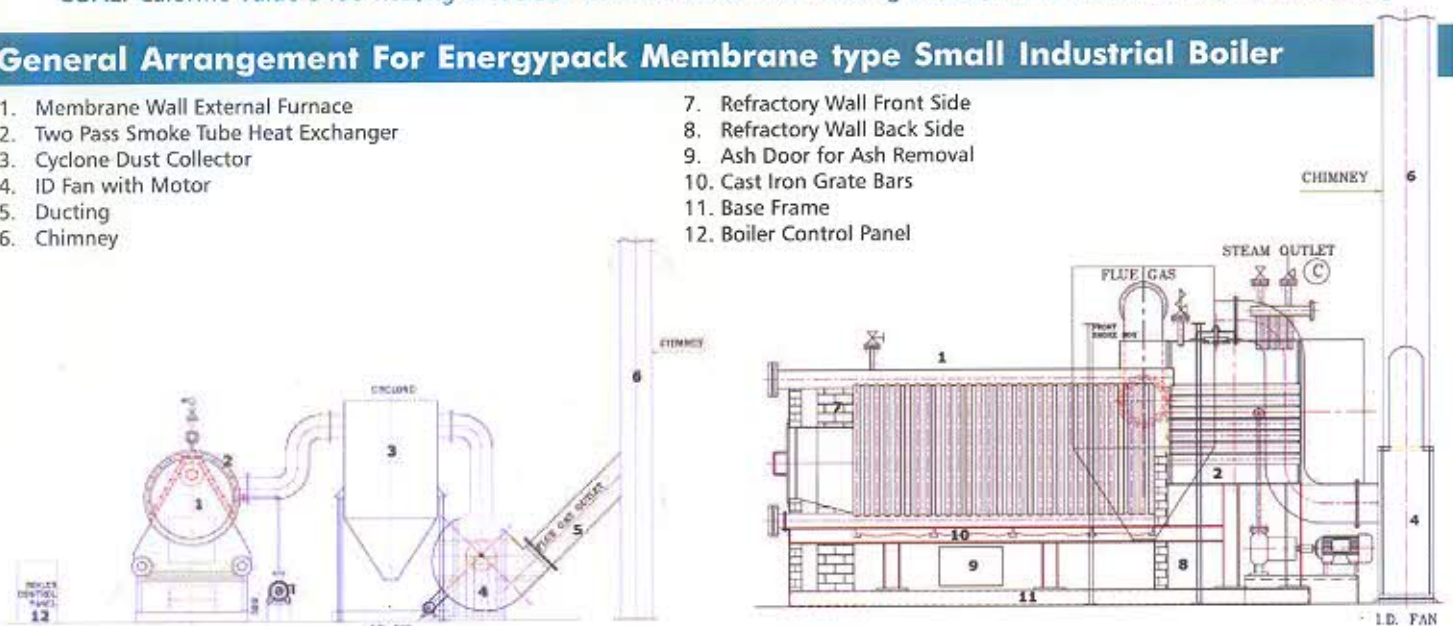
- ◆ Range 100 Kgs/hr to 800 Kgs/hr at 7 Kgs/cm. sq pressure & 165°C temperature.
- ◆ Efficiency 75 % +/- 2 %
- ◆ Solid fired package boiler suitable for all the solid fuels like wood / coal / lignite / briquette / wood chips etc.
- ◆ SIB boiler supplied with insulation & refractory for the furnace.
- ◆ External membrane wall water cooled furnace design ensures absorption of maximum heat liberated from combustion of fuel.
- ◆ Heat resistant cast iron grate bars provided to ensure longer life with bottom air cooled design.
- ◆ Balanced draft design with ID & FD for better combustion of solid fuel.
- ◆ Very economical in operation cost. Minimum steam generation cost.

MODEL NO.	CAPACITY	FUEL CONSUMPTION		
		Coal Kgs/hr	Wood Kgs/hr	Briquette Kgs/hr
EBPL-MSIB-100	100 Kgs/hr	13.5	22.5	18
EBPL-MSIB-200	200 Kgs/hr	27	45	36
EBPL-MSIB-300	300 Kgs/hr	40.5	67.5	54
EBPL-MSIB-400	400 Kgs/hr	54	90	72
EBPL-MSIB-500	500 Kgs/hr	67.5	112.5	90
EBPL-MSIB-600	600 Kgs/hr	81	135	108
EBPL-MSIB-800	800 Kgs/hr	108	180	144

COAL: Calorific Value 5400 Kcal/Kg ◆ WOOD: Calorific Value 3200 Kcal/Kg ◆ BRIQUETTE: Calorific Value 4000 Kcal/Kg

General Arrangement For Energypack Membrane type Small Industrial Boiler

1. Membrane Wall External Furnace
2. Two Pass Smoke Tube Heat Exchanger
3. Cyclone Dust Collector
4. ID Fan with Motor
5. Ducting
6. Chimney
7. Refractory Wall Front Side
8. Refractory Wall Back Side
9. Ash Door for Ash Removal
10. Cast Iron Grate Bars
11. Base Frame
12. Boiler Control Panel



OTHER PRODUCTS



Waste Heat Boiler



Hot Water Boiler



Electrode Boiler



Dewaxing Autoclave Boiler



Incinerators



Hot Air Generator



Pressure Vessels



Heat Exchanger (TEMA)



Self Supported Chimney



Hot Air Circulation Autoclave

OUR CLIENTS

PSU



Centre For Advance Technology, Indore



I.P.C.L.



Indian Ordnance Factory



BPCL



Panchmahal Dairy



Hindustan Aeronautics Limited



I.I.T. Mumbai



Patna Dairy Project



Mazgaon Docks Ltd.



COFMOW



Aavin Dairy



Karnataka Milk Federation



N.D.D.B.

PVT



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Century Rayon



TOTO India



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G.S.F.C.



Ramani Icecream



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