



▶▶▶ Steaming Ahead

# ENERGY PAC PLUS

Water cum smoke tube,  
Packaged multi-fuel,  
skid mounted Boiler

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Capacity Range  
Upto 6 TPH  
Standard Pressure  
Upto 28 Kg / cm<sup>2</sup>

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CBL Helpline  
☎ : + 91 7777881225

# ENERGY PAC PLUS BOILER

Energypac Plus water cum smoke tube boiler offers the most efficient and economical energy solutions. Reliability packaged with multiple fuel efficiency the boiler is specially designed to burn a variety of fuels.

## DESIGNED TO SAVE ON OPERATING COST

- ▶ Minimum heat loss due to membrane type water wall design.
- ▶ Most efficient combustion with optimum residence time of flue gases in the furnace.
- ▶ Better heat transfer and longer tube life due to optimum velocities in smoke tubes.
- ▶ **Swirling** air injection for better post combustion burning of biomass fuels.

## Unique Design Features

**CBL ENERGY PAC PLUS**, the 'Skid mounted Plug and Play Boiler' comes fitted with many additional advantages:

- ▶ Saves on civil foundation cost
- ▶ Compact design – minimum refractory
- ▶ Less Foot print area
- ▶ Pre- insulated and factory assembled- Upto 85% reduction in site work
- ▶ Quick start up and better response to surge/fluctuating load variations
- ▶ Easy ash removal and better accessibility for maintenance
- ▶ Better space utilization
- ▶ Low power consumption with energy efficient fans, feed pumps and other efficient auxiliary equipment's

## Easy and Economical to maintain

- ▶ Highly efficient low speed fans
- ▶ Reputed brands of mountings and fittings
- ▶ Anti-abrasive coating in the cyclones
- ▶ High grade cast iron fire doors

## BETTER ENGINEERING FOR BETTER PERFORMANCE

- ▶ Membrane panel water wall furnace design absorbs maximum heat.
- ▶ Large **furnace volume** to have better combustion of fuels.
- ▶ Large water/steam interface area ensures **dry steam**.
- ▶ Air pre heater for hot air.

## ENVIRONMENT FRIENDLY

- ▶ Energypac plus comes fitted with Air Pollution Control Systems.
- ▶ World class manufacturing and quality control.

## FUEL FLEXIBILITY

- ▶ Ability to fire moist fuel.
- ▶ Manual and Auto fuel feeding options.

## MULTIPLE FUEL COMPATIBILITY



Wood



Coal



Briquettes

## COMBINATION FUEL



Wood Bark



Cotton Stalks



Bagasse



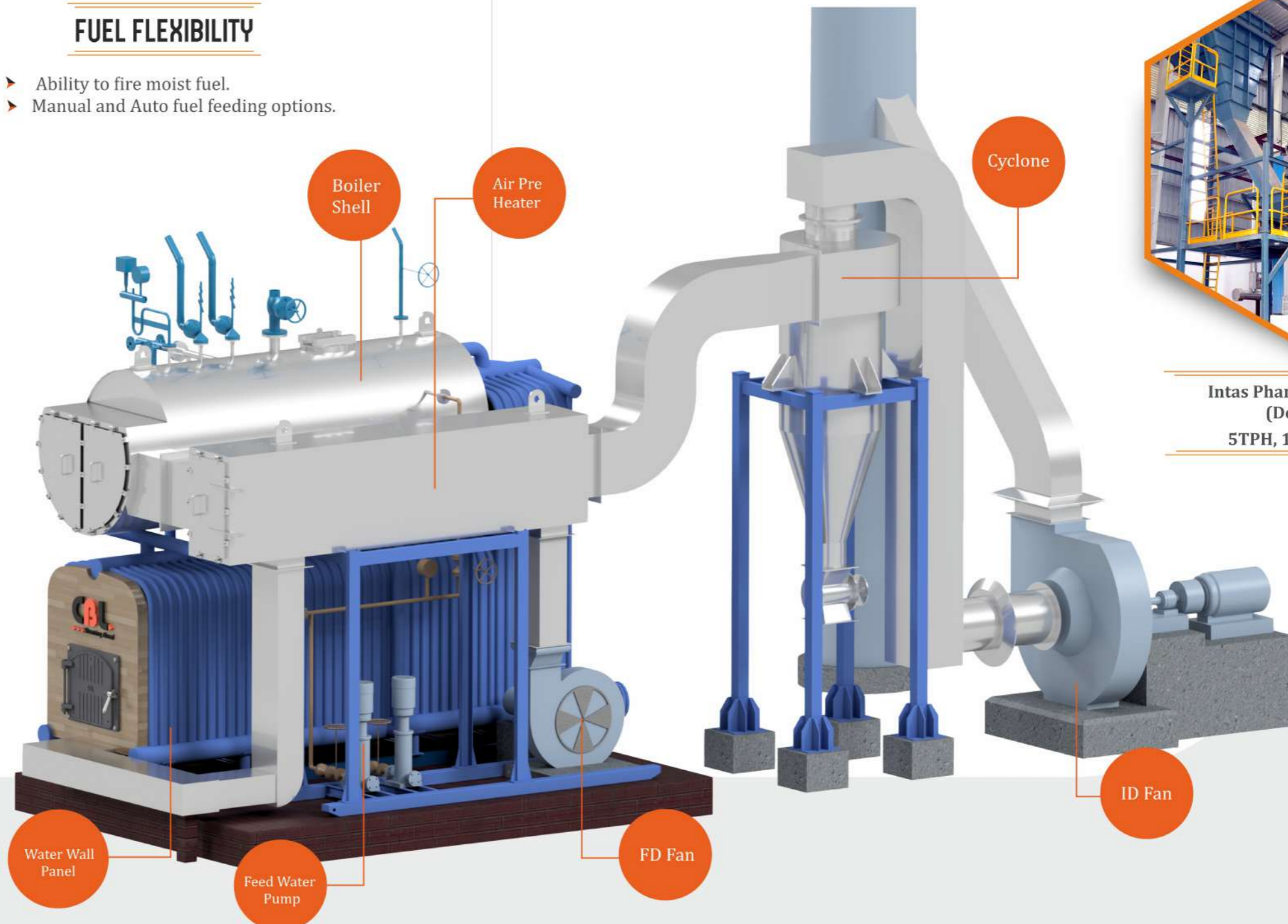
Corn Cobs



Soya Husk



Sunflower Husk



Intas Pharmaceuticals Ltd  
(Dehradun)  
5TPH, 10.54 kg/cm<sup>2</sup>

# OTHER OFFERINGS

www.cheemaboilers.com

## CPP/IPP

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

## Process Industrial Boiler

- ▶ Energypac - Grate Fired
- ▶ Energypac Plus/ Effypac - Manual/Auto Fired Oilpac/Gaspac

## Thermic Fluid Heaters

- ▶ AFBC/ Grate/ Oil & Gas

## Centrifugal Fans

## Retrofit & Spares

- ▶ Spares for Boilers
- ▶ Structures
- ▶ 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



## Certifications and Accreditations

- ISO 9001:2015
- ISO 14001 : 2015
- ISO 45001:2018
- ISO 3834-2:2005
- EN1090-1:2009+A1:2011
- EN1090-2:2018
- ASME 'U', 'S' & 'H' CERTIFICATES

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



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