



DAAACK VESSELS

FLUIDMAX



PFX SERIES
Fully Automated Package Boiler

SALIENT FEATURES

- High efficient fully automated integral furnace package type boiler.
- Fluidised combustion (Suspension firing) over air nozzles for rapid steering & complete combustion.
- Specially designed honeycomb wall to have higher residence time for efficient combustion.
- Vibro feeder with variac for quick response to meet fluctuating steam demand.
- Quality components like forged steel valves, branded butterfly wafer type valves for air control.
- Shop assembled air injection arrangement at all ash drain pipes to avoid ash accumulation in IRC & furnace.
- Single fan design for easy operation & minimum power consumption.
- Capability to fire wide variety of fuels.
- Innovative design for safety & comfort operation.
- Specially designed Arch Bricks for front door, Access door and for protecting the overheating at access pipe door refractory holding plate.



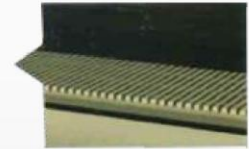
PFX-HUSK

- The fuel is fed from the top of the boiler through mixing nozzle and adjustable spreading cone arrangement.
- Uniform distribution of fuel is achieved through spreading cone for complete combustion.
- Push fit Air nozzle which is unique in design is arranged systematically to have proper combustion throughout the furnace area.



PFX-MULTIFUEL

- The husk is fed from the top of boiler through a mixing nozzle and adjustable spreading cone arrangement.
- Fuels like wood, coal and G N shell can be fed through the specially designed fuel feeding door.
- Furnace is provided with specially designed grate bars which facilitate proper air distribution for firing different fuels efficiently.



SAFETY INTERLOCKS

- Two nos. safety valve to operate the boiler safely.
- High steam pressure cut-off through pressure switch.
- Two nos. of fusible plug at rear sheet & IRC for highest safety
- Mobrey with 4 switches to have separate signal for automated feed pump ON/OFF operation, Fan cut off and Vibro feeder trip.

RANGE

- Capacity : 1.0 to 6.0 T.P.H
- Pressure : upto 23 kg/cm²(g)
- Fuels : Paddy husk, GN shell, saw dust, coconut shell & coal

Applications: All process industries like rice mill, textiles, food process, pharmaceuticals & drug etc.,

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