

OUR PRODUCT'S

I.D FAN Single Suction



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I.D FAN Double Suction



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F.D FAN



Forced Draft Fan is a type of a **fan** supplying pressurized air to a system. ... And this requirement is compensated by a **Forced Draft Fan**. **FD fan** supplies air to the Air-pre heater, where it captures the heat from the flue gases coming from the Boiler Outlet..

Primary Air Fan



Primary air fan is used to transport the pulverized coal from mills to the furnace area. So its main function is the carry the fuel to the furnace for the combustion.

Secondary Air Fan



Secondary Air Fans. **Secondary air**, on the other hand, is generally provided to compensate for the primary **air** that went un reacted. It is generally said to be an extra **air** that must be provided for complete combustion of fuel. **Secondary air** is generally provided through the nozzles installed on the walls of the furnace.

Dumping Grate



A **dump-grate** stoker is considered to be the type wherein ash is removed from the fuel bed in granular form by manually or mechanically **dumping** or tilting the **dump grates** at intervals.

Traveling Grate



A type of furnace stoker; coal feeds by gravity into a hopper located on top of one end of a moving (**traveling**)grate; as the **grate** passes under the hopper, it carries a bed of fresh coal toward the furnace.

Bubble Fluidized Grate



Atmospheric fluidized beds use limestone or dolomite to capture sulfur released by the combustion of coal. Jets of air suspend the mixture of sorbent and burning coal during combustion, converting the mixture into a suspension of red-hot particles that flow like a fluid. These boilers operate at atmospheric pressure.

Step Grate



A fire **grate** in which the bars rise like **steps**.

Feeding Belt Conveyors



a **conveyor** is a continuously-moving strip of rubber or metal which is used in factories for moving objects along so that they can be dealt with as quickly as possible.

Feeding Screw Conveyor



A **screw conveyor** or auger **conveyor** is a mechanism that uses a rotating helical **screw** blade, called a "flighting", usually within a tube, to move liquid or granular materials. They are used in many bulk handling industries.

Screw Feeders



A mechanism for handling bulk (pulverized or granulated solids) materials, in which a rotating helical **screw** moves the material forward, toward and into a process unit