

# Cochran Boiler

## **(1) Characteristics**

- Vertical
- Fire tube
- Internally fired
- Natural Circulation of water
- Low Pressure
- Multi tube
- Stationary

## **(2) Specification**

- Height – 5.75 m
- Shell Dia. – 2.75 m
- Pressure – 6.5 bar
- Capacity – 3500 kg/hr
- Efficiency – 70 to 75 %

## **(3) Construction and working**

→ Path of flue gases

Fire box → Flue Pipe → Combustion Chamber → Fire Tube  
→ Smoke Box → Chimney → Atmosphere

