

Cail-KCP & Fletcher cogeneration boilers

State-of-the-art technology, customer's first choice



A significant additional revenue

- Membrane wall furnace construction
- High steam purity, improved boiler efficiency
- Multi fuel firing option: coal, lignite, rice husk, biomass, etc.
- Easy installation, smooth and trouble-free operations
- Proven technology, more than 100 Cail-KCP & Fletcher boilers operating worldwide
- Single drum, bi-drum and top suspended boilers available

A flexible technology, Cail-KCP & Fletcher cogeneration boilers offer a smart solution for burning multi-fuel firing with superior design, higher boiler efficiency, less auxiliary power consumption, smooth and trouble free operation.

ULTIMATE AND FLEXIBLE TECHNOLOGY

- Optimized combustion, efficient steam production thanks to tall furnace and high residence time
- Low furnace outlet temperature
- Spreader stoker furnace with travelling grate, provided with metering holes for uniform and optimized combustion efficiency
- Controlled bagasse feeding system
- Constant superheated steam temperature
- Multi-cyclone dust collectors, wet scrubbers and numerous options available upon request
- Multi fuel firing option: coal, lignite, rice husk, biomass, etc



Travelling grate

EASY TO ERECT, TO OPERATE AND TO MAINTAIN

- Simple design without tube expansion with drum, no leakage
- Preheater tubes protection from internal fouling thanks to external gas flow
- External cleaning of tubes with soot blowers
- Catenary type travelling grate equipped with self-lubricated and interchangeable graphite bearings, making maintenance easy

HIGH PRESSURE, HIGH THROUGHPUT

- High purity steam thanks to three-stage separator
- Efficient ligament thanks to high single drum
- Low auxiliary power consumption
- High residence time of the flue gas thanks to the high furnace



Steam drum

Cail-KCP & Fletcher boilers range

Maximum Continuous Rating MCR (t/h)	15 to >200
Peak rating at outlet (t/h)	10% above MCR
Steam pressure at outlet (kg/cm ²)	17.5 to 125
Superheated steam temperature (°C)	340 to 545
Feed water temperature (°C)	105 to 240
Thermal efficiency on GCV of bagasse with 50% moisture (%)	71± 0.5

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