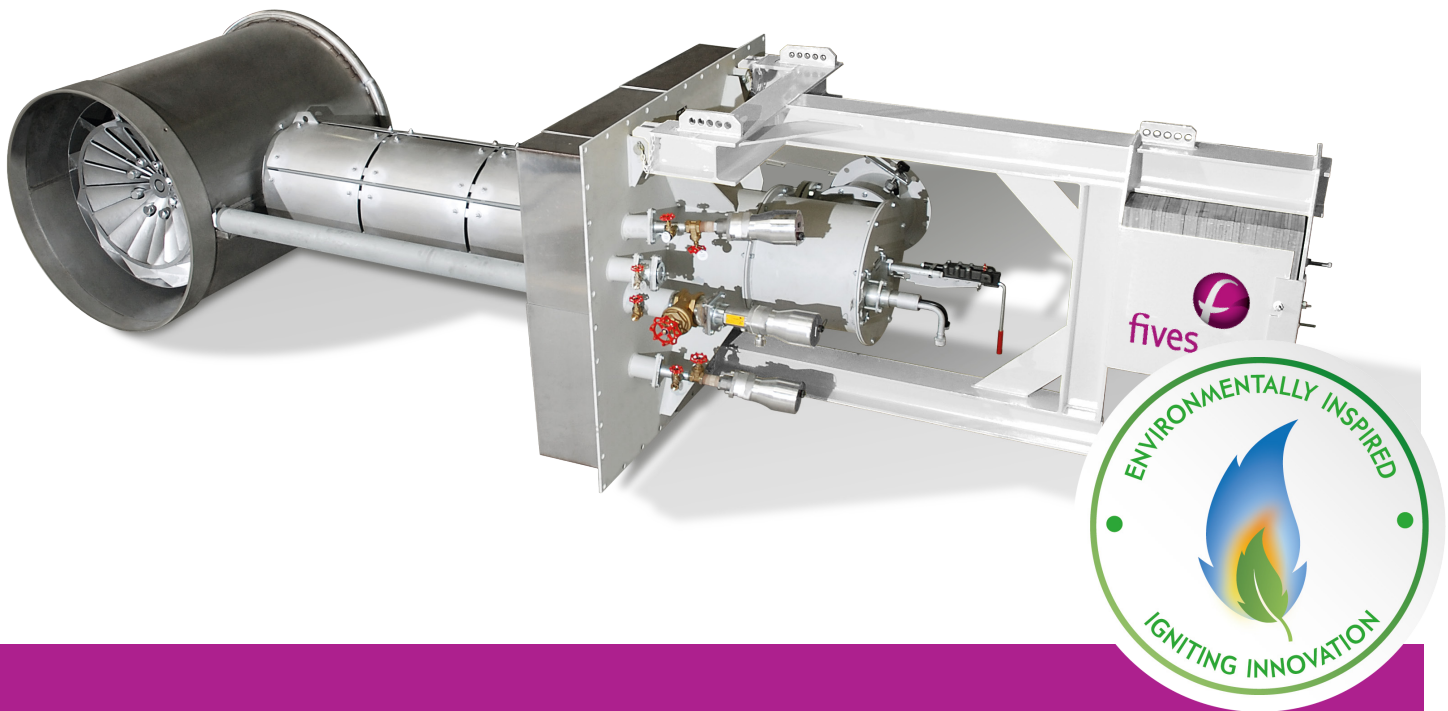


Pillard INDUCTFLAM[®] Ci

Oil & Gas burners



Pillard INDUCTFLAM[™] Ci is the most reliable dual fuel induct burner for HRSG

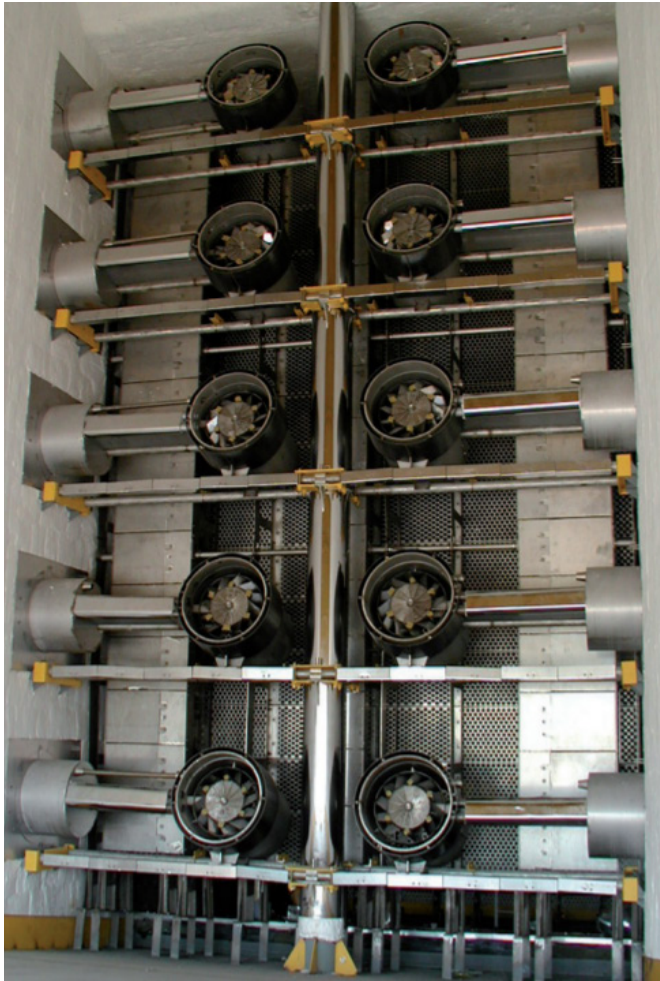
- Stable flame, easy switch-over, high operation flexibility, low pressure drop

- Low emissions even with latest generation of turbines (low O₂ content)

- Controlled temperature profile thanks to CFD simulation

- Burner load from 10 MW to 250 MW

The Pillard INDUCTFLAM™ Ci burner ensures ultimate performances when firing gaseous and liquid fuel oil, in both Fresh Air or Turbine Exhaust Gas mode



AN EFFICIENT CIRCULAR BURNER HEAD

Thanks to the combination of the best available burner technology and in-house CFD expertise, Fives offers a tailor-made solution to reach each clients' objectives in terms of combustion efficiency and emissions.

Main benefits are :

- Avoid flame impingement and hot points inside the boiler/duct
- Provide a good temperature profile
- Reduced pressure drop thanks to low TEG velocity across burner
- High operation range suitable for the latest generation of gas turbines with low O₂ content in TEG
- Easy switch-over from gaseous to liquid fuel and vice-versa, high turndown ratio
- Easy maintenance in operation, thanks to a patented fuel gun removal system
- Long lifetime with sturdy equipment construction: burners / valves skids / BMS / air fans, compliant with NFPA requirements
- Low NO_x / CO / dust emissions compliant with international standards

Over **200** references of Pillard INDUCTFLAM® Ci burner heads worldwide. List available on demand.

Key features	
Fuels	Diesel, light or heavy oil, tars, high viscosity oils, waste oils Natural gas, LPG, refinery gas, process gas, syngas
Combustive mixture	T.E.G. / Fresh air
Range	2 to 85MW per burner head
Pressure drop	10 to 30daPa (TEG mode), 20 to 90daPa (Fresh Air mode) depending on specification
Combustion head positioning	Unlimited number, lateral side access, horizontally or vertically downwards firing
Liquid fuel atomisation	Steam or compressed air assisted, gun change-over whilst operating on gas
Gaseous fuel injection	Unconditionally stable flame (patent FR 84/14484)

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