

DATASHEET

Advanced Atomiser / Air Swirler Designs



Hamworthy Combustion can call on over 100 years of combustion experience to offer combinations of atomiser and air swirler designs to provide solutions to reduce NOx and dust emissions. We can supply equipment for new build and carry out complete retrofitting on existing plant

Key Features

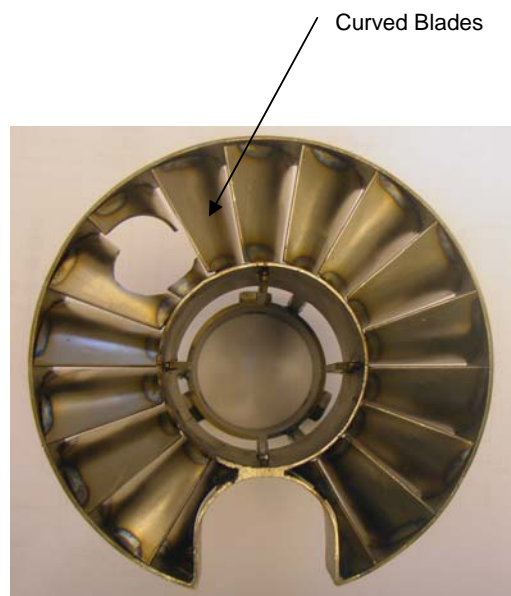
- Low cost alternative against complete burner replacement
- HFO NOx of 450mg/Nm³ achievable
- Dust emissions less than 50mg/Nm³
- Matching oil droplet size and pattern with air flow give optimum performance.
- 'Horse shoe' design for even lower NOx emissions
- Parallel an 'V' shaped spray patterns to enhance fuel staging
- Easy retrofit into existing plant



- Proven performance



**AMC
Atomiser**



**Curved Bladed Swirler for
efficient air distribution**

Standard Supply

- Fuel gun
- Atomiser
- Air swirler

Related Questions

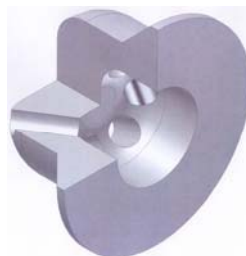
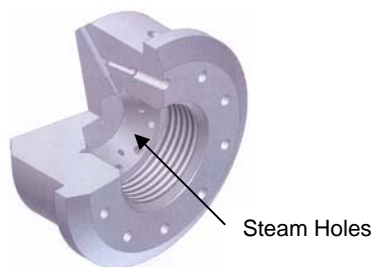
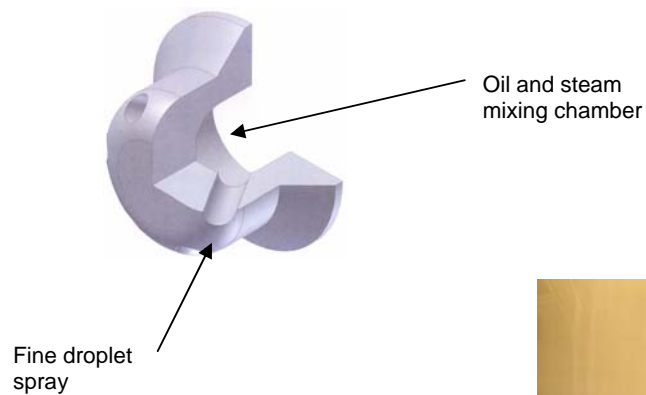
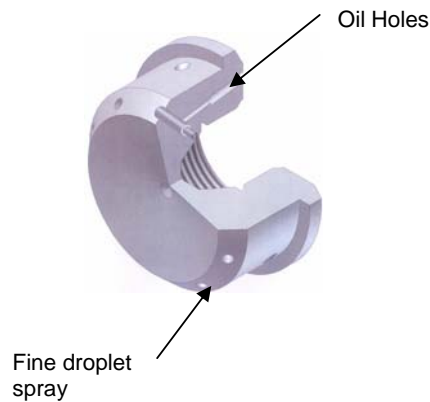
- What fuels do I fire?
- What NOx emissions am I looking for?
- What quantity of fuel and at what pressure do I operate?

Specification

- Size - 2 – 70MW
- Weight - 0.2 – 30 kg
- Material - Carbon steel hardened/ stainless steel/
 - Tungsten/silicon carbide

Other Hamworthy Combustion Services related to this product

- Complete bespoke Burner Management systems
- Burner ignition systems
- Burner flame detection systems
- Fuel valve trains
- Complete turnkey service
- After Sales back up



Typical oil spray pattern

For further information on combustion equipment please contact the head office:

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Hamworthy Combustion Engineering Limited reserve the right to make changes and improvements which may necessitate alteration to the specification without prior notice

HAMWORTHY
COMBUSTION

Incorporating:
PEABODY ENGINEERING
AIROIL - FLAREGAS
CHENTRONICS