

Water Cooled Flopping Grate

Description:

Furnace with water cooled flopping grate with dry ash extraction system.

Power Range:

500 kW to 5000 kW

Main advantages:

- Ability to burn various types of biomass
- Ideal for waste burning with low ash content

Other features

Combustion control through individual regulation of primary air for each stage of Combustion control through individual regulation of primary air for each stage of combustion, as well as for the secondary air.

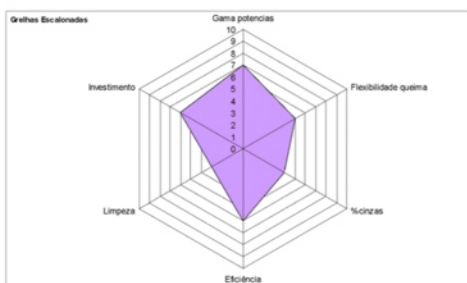
High burn efficiency, yield $95 \pm 2\%$ achieved by optimizing the relation between primary and secondary air, ensuring CO, NOx and VOCs emission reductions.

Particle emission control using ACS systems.

These devices are controlled by automation systems, speed variation and high quality instrumentation with proven robustness, with tuned control systems depending on the type of equipment / type of fuel.

It can be coupled to:

- Steam boilers
- Thermal oil boilers
- Hot water boilers
- Drying systems for hot gases



Legenda

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Gama Potencias	gama curta	gama alargada
Flexibilidade queima	Queima pouca variedade combustíveis	Queima vasta variedade combustíveis
%cinzas combustivel	Baixa < 1%	Alta <25%
Eficiência queima combustivel	Alta presença de inqueimados nas cinzas	Baixa presença de inqueimados nas cinzas
Facilidade limpeza	Limpeza regular	Auto-limpante
Investimento inicial	Alto	Baixo

